

Lampiran

Lampiran 1

Daftar perusahaan sampel tahun 2014

No	Kode	Nama
1	AALI	Astra Agro Lestari Tbk
2	ABBA	Mahaka Media Tbk
3	ABDA	Asuransi Bina Dana Arta Tbk
4	ACST	PT Acset Indonusa Tbk.
5	ADMF	Adira Dinamika Multi Finance Tbk
6	AHAP	Asuransi Harta Aman Pratama Tbk
7	ALDO	Alkindo Naratama Tbk
8	AMAG	Asuransi Multi Artha Guna Tbk
9	ANTM	Aneka Tambang Tbk.
10	APII	PT Arita Prima Indonesia Tbk.
11	ARTA	Arthavest Tbk
12	ASDM	Asuransi Dayin Mitra Tbk
13	BABP	PT Bank MNC Internasional Tbk.
14	BACA	PT Bank Capital Indonesia Tbk
15	BDMN	Bank Danamon Indonesia Tbk
16	BIPP	Bhuwanatala Indah Permai Tbk
17	BISI	BISI INTERNATIONAL Tbk
18	BKDP	Bukit Darmo Property Tbk
19	BKSL	Sentul City Tbk
20	BKSW	PT Bank QNB Indonesia Tbk
21	BMAS	PT Bank Maspion Indonesia Tbk.
22	BMSR	Bintang Mitra Semestaraya Tbk
23	BNBA	Bank Bumi Arta Tbk
24	BNLI	Bank Permata Tbk
25	BTEK	Bumi Teknokultura Unggul Tbk

26	BTON	Betonjaya Manunggal Tbk
27	BTPN	PT Bank Tabungan Pensiunan Nasional Tbk
28	BVIC	Bank Victoria International Tbk
29	CTRA	Ciputra Development Tbk
30	CTTH	Citatah Tbk
31	DKFT	Central Omega Resources Tbk
32	DLTA	Delta Djakarta Tbk
33	DPNS	Duta Pertiwi Nusantara Tbk
34	DSNG	PT Dharma Satya Nusantara Tbk.
35	EPMT	Enseval Putra Megatrading Tbk
36	FAST	Fast Food Indonesia Tbk
37	FMII	Fortune Mate Indonesia Tbk
38	FREN	Smartfren Telecom Tbk
39	GEMA	Gema Grahasarana Tbk
40	GJTL	Gajah Tunggal Tbk
41	GMTD	Gowa Makassar Tourism Development Tbk
42	GWSA	PT Greenwood Sejahtera Tbk
43	GZCO	Gozco Plantations Tbk
44	HERO	Hero Supermarket Tbk
45	ICBP	Indofood CBP Sukses Makmur Tbk
46	ICON	Island Concepts Indonesia Tbk
47	INDS	Indospring Tbk
48	INTP	Indocement Tunggal Prakarsa Tbk
49	JKSW	Jakarta Kyoei Steel Works Tbk
50	JPFA	JAPFA Comfeed Indonesia Tbk
51	KBLI	KMI Wire and Cable Tbk
52	KBRI	Kertas Basuki Rachmat Indonesia Tbk
53	KIJA	Kawasan Industri Jababeka Tbk
54	KLBF	Kalbe Farma Tbk
55	KRAH	PT Grand Kartech Tbk

56	LMPI	Langgeng Makmur Industri Tbk
57	LPIN	Multi Prima Sejahtera Tbk
58	LPLI	Star Pacific Tbk
59	LPPF	Matahari Department Store Tbk
60	LSIP	PP London Sumatra Indonesia Tbk
61	MAIN	Malindo Feedmill Tbk
62	MDLN	Modernland Realty Ltd Tbk
63	MDRN	Modern Internasional Tbk
64	META	Nusantara Infrastructure Tbk
65	MICE	Multi Indocitra Tbk
66	MPPA	Matahari Putra Prima Tbk
67	MSKY	MNC Sky Vision Tbk
68	MTDL	Metrodata Electronics Tbk
69	MYRX	Hanson International Tbk
70	NAGA	PT Bank Mitraniaga Tbk.
71	NELY	Pelayaran Nelly Dwi Putri Tbk
72	NIRO	City Retail Developments Tbk
73	NRCA	PT Nusa Raya Cipta Tbk.
74	PANR	Panorama Sentrawisata Tbk
75	PANS	Panin Sekuritas Tbk
76	PLAS	Polaris Investama Tbk
77	PNIN	Paninvest Tbk
78	PRAS	Prima Alloy Steel Universal Tbk
79	PSKT	PT Red Planet Indonesia Tbk
80	PWON	Pakuwon Jati Tbk
81	RANC	Supra Boga Lestari Tbk
82	ROTI	Nippon Indosari Corpindo Tbk
83	SCMA	Surya Citra Media Tbk
84	SDPC	Millennium Pharmacon International Tbk
85	SGRO	Sampoerna Agro Tbk

86	SMDM	Suryamas Dutamakmur Tbk
87	SMRA	PT Summarecon Agung Tbk
88	SMSM	Selamat Sempurna Tbk
89	SONA	Sona Topas Tourism Industry Tbk
90	SSIA	Surya Semesta Internusa Tbk
91	STAR	Star Petcohem Tbk
92	TGKA	Tigaraksa Satria Tbk
93	TINS	PT Timah Tbk.
94	TIRA	Tira Austenite Tbk
95	TOTO	Surya Toto Indonesia Tbk
96	TOWR	Sarana Menara Nusantara Tbk
97	TRIS	Trisula International Tbk
98	TRST	Trias Sentosa Tbk
99	TRUS	Trust Finance Indonesia Tbk
100	ULTJ	Ultra Jaya Milk Industry Tbk
101	VICO	PT Victoria Investama Tbk.
102	VIVA	PT Visi Media Asia Tbk
103	VOKS	Voksel Electric Tbk
104	WEHA	PT WEHA Transportasi Indonesia Tbk
105	YPAS	Yanaprima Hastapersada Tbk

Daftar perusahaan sampel tahun 2015

No	Kode	Nama
1	AALI	Astra Agro Lestari Tbk
2	ABBA	Mahaka Media Tbk
3	ACST	PT Acset Indonusa Tbk.
4	AKRA	AKR Corporindo Tbk
5	ALDO	Alkindo Naratama Tbk
6	AMAG	Asuransi Multi Artha Guna Tbk
7	ARNA	Arwana Citramulia Tbk
8	ASMI	PT Asuransi Kresna Mitra Tbk.

9	ASRI	ALAM SUTERA REALTY Tbk
10	BABP	PT Bank MNC Internasional Tbk.
11	BACA	PT Bank Capital Indonesia Tbk
12	BAJA	Saranacentral Bajatama Tbk
13	BCAP	MNC Kapital Indonesia Tbk
14	BCIP	Bumi Citra Permai Tbk
15	BEST	Bekasi Fajar Industrial Estate Tbk
16	BHIT	PT MNC Investama Tbk.
17	BINA	PT Bank Ina Perdana Tbk.
18	BIPP	Bhuwanatala Indah Permai Tbk
19	BIRD	PT Blue Bird Tbk
20	BKDP	Bukit Darmo Property Tbk
21	BLTZ	PT Graha Layar Prima Tbk.
22	BMAS	PT Bank Maspion Indonesia Tbk.
23	BMSR	Bintang Mitra Semestaraya Tbk
24	BMTR	Global Mediacom Tbk
25	BNBA	Bank Bumi Arta Tbk
26	BPII	PT Batavia Prosperindo Internasional Tbk.
27	BSIM	Bank Sinarmas Tbk
28	BTON	Betonjaya Manunggal Tbk
29	BTPN	PT Bank Tabungan Pensiunan Nasional Tbk
30	CSAP	Catur Sentosa Adiprana Tbk
31	CTRA	Ciputra Development Tbk
32	DART	Duta Anggada Realty Tbk
33	DGIK	Nusa Konstruksi Enjiniring Tbk
34	DPNS	Duta Pertiwi Nusantara Tbk
35	DSNG	PT Dharma Satya Nusantara Tbk.
36	DVLA	Darya-Varia Laboratoria Tbk
37	DYAN	PT Dyandra Media International Tbk.
38	EKAD	Ekadharma International Tbk
39	EPMT	Enseval Putra Megatrading Tbk
40	EXCL	PT XL Axiata Tbk
41	FAST	Fast Food Indonesia Tbk
42	GDST	Gunawan Dianjaya Steel Tbk
43	GJTL	Gajah Tunggal Tbk
44	GMTD	Gowa Makassar Tourism Development Tbk

45	GPRA	Perdana Gapura Prima Tbk
46	HADE	PT Himalaya Energi Perkasa Tbk
47	HDFA	Radana Bhaskara Finance Tbk
48	HERO	Hero Supermarket Tbk
49	ICBP	Indofood CBP Sukses Makmur Tbk
50	IGAR	Champion Pacific Indonesia Tbk
51	IMAS	Indomobil Sukses Internasional Tbk
52	IMJS	PT Indomobil Multi Jasa Tbk.
53	IMPC	PT Impack Pratama Industri Tbk
54	INCI	Intanwijaya Internasional Tbk
55	INDS	Indospring Tbk
56	JIHD	Jakarta International Hotels & Development Tbk
57	JPFA	JAPFA Comfeed Indonesia Tbk
58	KBLI	KMI Wire and Cable Tbk
59	KBLM	Kabelindo Murni Tbk
60	KBLV	First Media Tbk
61	KIJA	Kawasan Industri Jababeka Tbk
62	KLBF	Kalbe Farma Tbk
63	KPIG	MNC Land Tbk
64	KRAH	PT Grand Kartech Tbk
65	LMPI	Langgeng Makmur Industri Tbk
66	LPIN	Multi Prima Sejahtera Tbk
67	LPKR	Lippo Karawaci Tbk
68	LPLI	Star Pacific Tbk
69	LPPF	Matahari Department Store Tbk
70	LSIP	PP London Sumatra Indonesia Tbk
71	MAIN	Malindo Feedmill Tbk
72	MDIA	PT Intermedia Capital Tbk.
73	MDRN	Modern Internasional Tbk
74	META	Nusantara Infrastructure Tbk
75	MICE	Multi Indocitra Tbk
76	MIRA	Mitra International Resources Tbk
77	MLBI	Multi Bintang Indonesia Tbk
78	MLPL	Multipolar Tbk
79	MPMX	PT Mitra Pinasthika Mustika Tbk.
80	MPPA	Matahari Putra Prima Tbk

81	MSKY	MNC Sky Vision Tbk
82	MTLA	Metropolitan Land Tbk
83	NELY	Pelayaran Nelly Dwi Putri Tbk
84	NIRO	City Retail Developments Tbk
85	NOBU	PT Bank Nationalnobu Tbk.
86	NRCA	PT Nusa Raya Cipta Tbk.
87	OMRE	Indonesia Prima Property Tbk
88	PALM	Provident Agro Tbk
89	PANS	Panin Sekuritas Tbk
90	PLAS	Polaris Investama Tbk
91	PNBN	Bank Pan Indonesia Tbk
92	PNIN	Paninvest Tbk
93	PSDN	Prasidha Aneka Niaga Tbk
94	PSKT	PT Red Planet Indonesia Tbk
95	RANC	Supra Boga Lestari Tbk
96	RDTX	Roda Vivatex Tbk
97	RMBA	Bentoel International Investama Tbk
98	SDRA	PT Bank Woori Saudara Indonesia 1906 Tbk
99	SGRO	Sampoerna Agro Tbk
100	SILO	PT Siloam International Hospitals Tbk.
101	SIPD	Sierad Produce Tbk
102	SMRA	PT Summarecon Agung Tbk
103	SONA	Sona Topas Tourism Industry Tbk
104	SPMA	Suparma Tbk
105	SSIA	Surya Semesta Internusa Tbk
106	STAR	Star Petcohem Tbk
107	SUPR	Solusi Tunas Pratama Tbk
108	TIFA	Tifa Finance Tbk
109	TIRT	Tirta Mahakam Resources Tbk
110	TMAS	Pelayaran Tempuran Emas Tbk
111	TMPO	Tempo Inti Media Tbk
112	TOTL	Total Bangun Persada Tbk
113	TOTO	Surya Toto Indonesia Tbk
114	TOWR	Sarana Menara Nusantara Tbk
115	TRIL	Triwira İnsanlestari Tbk
116	TRST	Trias Sentosa Tbk

117	TURI	Tunas Ridean Tbk
118	UNIT	Nusantara Inti Corpora Tbk
119	UNTR	United Tractors Tbk
120	VICO	PT Victoria Investama Tbk.
121	VIVA	PT Visi Media Asia Tbk
122	VOKS	Voksel Electric Tbk
123	WAPO	Wahana Pronatural Tbk
124	WICO	Wicaksana Overseas International Tbk
125	WOMF	PT Wahana Ottomitra Multiartha Tbk
126	YULE	Yulie Sekuritas Indonesia Tbk

Daftar perusahaan sampel tahun 2016

No	Kode	Nama
1	ABBA	Mahaka Media Tbk
2	ACST	PT Acset Indonusa Tbk.
3	ADMF	Adira Dinamika Multi Finance Tbk
4	AGRS	PT Bank Agris Tbk
5	AHAP	Asuransi Harta Aman Pratama Tbk
6	AKRA	AKR Corporindo Tbk
7	ALKA	Alakasa Industrindo Tbk
8	AMAG	Asuransi Multi Artha Guna Tbk
9	APIC	PACIFIC STRATEGIC FINANCIAL Tbk
10	ARNA	Arwana Citramulia Tbk
11	ARTA	Arthavest Tbk
12	ASDM	Asuransi Dayin Mitra Tbk
13	ASMI	PT Asuransi Kresna Mitra Tbk.
14	ASRI	ALAM SUTERA REALTY Tbk
15	ATIC	PT Anabatic Technologies Tbk
16	BABP	PT Bank MNC Internasional Tbk.
17	BACA	PT Bank Capital Indonesia Tbk
18	BAPA	Bekasi Asri Pemula Tbk
19	BBLD	Buana Finance Tbk
20	BDMN	Bank Danamon Indonesia Tbk
21	BEST	Bekasi Fajar Industrial Estate Tbk
22	BHIT	PT MNC Investama Tbk.

23	BINA	PT Bank Ina Perdana Tbk.
24	BIPP	Bhuwanatala Indah Permai Tbk
25	BIRD	PT Blue Bird Tbk
26	BKDP	Bukit Darmo Property Tbk
27	BMTR	Global Mediacom Tbk
28	BNBA	Bank Bumi Arta Tbk
29	BOLT	PT Garuda Metalindo Tbk.
30	BPII	PT Batavia Prosperindo Internasional Tbk.
31	BTON	Betonjaya Manunggal Tbk
32	BTPN	PT Bank Tabungan Pensiunan Nasional Tbk
33	BUDI	PT Budi Starch & Sweetener Tbk.
34	BUKK	Bukaka Teknik Utama Tbk
35	CITA	Cita Mineral Investindo Tbk
36	CSAP	Catur Sentosa Adiprana Tbk
37	CTRA	Ciputra Development Tbk
38	CTTH	Citatah Tbk
39	DMAS	PT Puradelta Lestari Tbk.
40	DNET	PT Indoritel Makmur Internasional Tbk.
41	DSNG	PT Dharma Satya Nusantara Tbk.
42	DYAN	PT Dyandra Media International Tbk.
43	EKAD	Ekadharma International Tbk
44	ERAA	Erajaya Swasembada Tbk
45	FAST	Fast Food Indonesia Tbk
46	FREN	Smartfren Telecom Tbk
47	GEMA	Gema Grahasarana Tbk
48	GPRA	Perdana Gapura Prima Tbk
49	GSMF	Equity Development Investment Tbk
50	GWSA	PT Greenwood Sejahtera Tbk
51	GZCO	Gozco Plantations Tbk
52	HOTL	Saraswati Griya Lestari Tbk
53	IIKP	Inti Agri Resources Tbk
54	IMAS	Indomobil Sukses Internasional Tbk
55	IMPC	PT Impack Pratama Industri Tbk
56	INPC	Bank Artha Graha Internasional Tbk
57	INTP	Indocement Tunggal Prakarsa Tbk
58	JPFA	JAPFA Comfeed Indonesia Tbk

59	JRPT	Jaya Real Property Tbk
60	KBLI	KMI Wire and Cable Tbk
61	KDSI	Kedawung Setia Industrial Tbk
62	KIJA	Kawasan Industri Jababeka Tbk
63	KLBF	Kalbe Farma Tbk
64	KRAH	PT Grand Kartech Tbk
65	LION	Lion Metal Works Tbk
66	LPGI	Lippo General Insurance Tbk
67	LPIN	Multi Prima Sejahtera Tbk
68	LPLI	Star Pacific Tbk
69	LPPS	Lippo Securities Tbk
70	LRNA	PT Eka Sari Lorena Transport Tbk.
71	LSIP	PP London Sumatra Indonesia Tbk
72	MAIN	Malindo Feedmill Tbk
73	MAYA	PT Bank Mayapada Internasional Tbk
74	MDLN	Modernland Realty Ltd Tbk
75	MDRN	Modern Internasional Tbk
76	META	Nusantara Infrastructure Tbk
77	MICE	Multi Indocitra Tbk
78	MLBI	Multi Bintang Indonesia Tbk
79	MNCN	Media Nusantara Citra Tbk
80	MPMX	PT Mitra Pinasthika Mustika Tbk.
81	MPPA	Matahari Putra Prima Tbk
82	MRAT	Mustika Ratu Tbk
83	MTLA	Metropolitan Land Tbk
84	MYRX	Hanson International Tbk
85	NIRO	City Retail Developments Tbk
86	NOBU	PT Bank Nationalnobu Tbk.
87	OMRE	Indonesia Prima Property Tbk
88	PDES	Destinasi Tirta Nusantara Tbk
89	PGLI	Pembangunan Graha Lestari Tbk
90	PNBN	Bank Pan Indonesia Tbk
91	PNLF	Panin Financial Tbk
92	PSKT	PT Red Planet Indonesia Tbk
93	PYFA	Pyridam Farma Tbk
94	RANC	Supra Boga Lestari Tbk

95	RUIS	Radiant Utama Interinsco Tbk
96	SGRO	Sampoerna Agro Tbk
97	SILO	PT Siloam International Hospitals Tbk.
98	SIPD	Sierad Produce Tbk
99	SKLT	Sekar Laut Tbk
100	SMDM	Suryamas Dutamakmur Tbk
101	SMSM	Selamat Sempurna Tbk
102	SRSN	Indo Acidatama Tbk
103	SRTG	PT Saratoga Investama Sedaya Tbk.
104	SSIA	Surya Semesta Internusa Tbk
105	TELE	Tiphone Mobile Indonesia Tbk
106	TMPO	Tempo Inti Media Tbk
107	TOTO	Surya Toto Indonesia Tbk
108	TOWR	Sarana Menara Nusantara Tbk
109	TRIS	Trisula International Tbk
110	TRST	Trias Sentosa Tbk
111	TRUS	Trust Finance Indonesia Tbk
112	TURI	Tunas Ridean Tbk
113	VICO	PT Victoria Investama Tbk.
114	VIVA	PT Visi Media Asia Tbk
115	VRNA	Verena Multi Finance Tbk
116	WEHA	PT WEHA Transportasi Indonesia Tbk
117	WIIM	Wismilak Inti Makmur Tbk
118	WOMF	PT Wahana Ottomitra Multiartha Tbk
119	YPAS	Yanaprima Hastapersada Tbk
120	YULE	Yulie Sekuritas Indonesia Tbk

Daftar perusahaan sampel tahun 2017

No	Kode	Nama
1	AALI	Astra Agro Lestari Tbk
2	ABBA	Mahaka Media Tbk
3	ADMF	Adira Dinamika Multi Finance Tbk
4	AGII	PT Aneka Gas Industri Tbk.

5	ALMI	Alumindo Light Metal Industry Tbk
6	AMAG	Asuransi Multi Artha Guna Tbk
7	AMIN	PT Ateliers Mecaniques D'Indonesie Tbk.
8	APIC	Pacific Strategic Financial Tbk
9	APLI	Asiaplast Industries Tbk
10	APLN	Agung Podomoro Land Tbk
11	ARNA	Arwana Citramulia Tbk
12	ASMI	PT Asuransi Kresna Mitra Tbk.
13	ASSA	Adi Sarana Armada Tbk
14	ATIC	PT Anabatic Technologies Tbk
15	BACA	PT Bank Capital Indonesia Tbk
16	BDMN	Bank Danamon Indonesia Tbk
17	BEST	Bekasi Fajar Industrial Estate Tbk
18	BFIN	BFI Finance Indonesia Tbk
19	BIPP	Bhuwanatala Indah Permai Tbk
20	BIRD	PT Blue Bird Tbk
21	BKDP	Bukit Darmo Property Tbk
22	BLTZ	PT Graha Layar Prima Tbk.
23	BMTR	Global Mediacom Tbk
24	BOGA	PT Bintang Oto Global Tbk
25	BOLT	PT Garuda Metalindo Tbk.
26	BPII	PT Batavia Prosperindo Internasional Tbk.
27	BSDE	PT Bumi Serpong Damai Tbk
28	BSIM	Bank Sinarmas Tbk
29	BTPN	PT Bank Tabungan Pensiunan Nasional Tbk
30	BUKK	Bukaka Teknik Utama Tbk
31	BUVA	PT Bukit Uluwatu Villa Tbk

32	BWPT	Eagle High Plantations Tbk
33	CASA	PT Capital Financial Indonesia Tbk
34	CMNP	Citra Marga Nusaphala Persada Tbk
35	CNKO	Exploitasi Energi Indonesia Tbk
36	COWL	COWELL DEVELOPMENT Tbk
37	DART	Duta Anggada Realty Tbk
38	DEFI	Danasupra Erapacific Tbk
39	DNET	PT Indoritel Makmur Internasional Tbk.
40	DPUM	PT Dua Putra Utama Makmur Tbk.
41	DSNG	PT Dharma Satya Nusantara Tbk.
42	DVLA	Darya-Varia Laboratoria Tbk
43	ECII	PT Electronic City Indonesia Tbk.
44	EMTK	Elang Mahkota Teknologi Tbk
45	EPMT	Enseval Putra Megatrading Tbk
46	FAST	Fast Food Indonesia Tbk
47	GDST	Gunawan Dianjaya Steel Tbk
48	GEMA	Gema Grahasarana Tbk
49	GJTL	Gajah Tunggal Tbk
50	GSMF	Equity Development Investment Tbk
51	GZCO	Gozco Plantations Tbk
52	HERO	Hero Supermarket Tbk
53	HMSP	HM Sampoerna Tbk
54	HOTL	Saraswati Griya Lestari Tbk
55	ICBP	Indofood CBP Sukses Makmur Tbk
56	IDPR	PT Indonesia Pondasi Raya Tbk.
57	IMJS	PT Indomobil Multi Jasa Tbk.
58	IMPC	PT Impack Pratama Industri Tbk

59	INDS	Indospring Tbk
60	INPC	Bank Artha Graha Internasional Tbk
61	INTA	Intraco Penta Tbk
62	JPFA	JAPFA Comfeed Indonesia Tbk
63	JTPE	Jasuindo Tiga Perkasa Tbk
64	KBLV	First Media Tbk
65	KDSI	Kedawung Setia Industrial Tbk
66	KIJA	Kawasan Industri Jababeka Tbk
67	KPIG	MNC Land Tbk
68	LAPD	Leyand International Tbk
69	LION	Lion Metal Works Tbk
70	LMSH	Lionmesh Prima Tbk
71	LPCK	Lippo Cikarang Tbk
72	LPIN	Multi Prima Sejahtera Tbk
73	LPLI	Star Pacific Tbk
74	LPPF	Matahari Department Store Tbk
75	LRNA	PT Eka Sari Lorena Transport Tbk.
76	MAYA	PT Bank Mayapada Internasional Tbk
77	MDLN	Modernland Realty Ltd Tbk
78	MFMI	Multifiling Mitra Indonesia Tbk
79	MICE	Multi Indocitra Tbk
80	MLIA	Mulia Industrindo Tbk
81	MLPL	Multipolar Tbk
82	MMLP	PT Mega Manunggal Property Tbk.
83	MNCN	Media Nusantara Citra Tbk
84	MPPA	Matahari Putra Prima Tbk
85	MREI	Maskapai Reasuransi Indonesia Tbk

86	MSKY	MNC Sky Vision Tbk
87	MTDL	Metrodata Electronics Tbk
88	MYRX	Hanson International Tbk
89	NIRO	City Retail Developments Tbk
90	NOBU	PT Bank Nationalnobu Tbk.
91	PICO	Pelangi Indah Canindo Tbk
92	PNBS	PT Bank Panin Dubai Syariah Tbk.
93	PNIN	Paninvest Tbk
94	PRAS	Prima Alloy Steel Universal Tbk
95	PTPP	PP (Persero) Tbk
96	RALS	Ramayana Lestari Sentosa Tbk
97	RMBA	Bentoel International Investama Tbk
98	RUIS	Radiant Utama Interinsco Tbk
99	SAME	Sarana Meditama Metropolitan Tbk
100	SCMA	Surya Citra Media Tbk
101	SDRA	PT Bank Woori Saudara Indonesia 1906 Tbk
102	SGRO	Sampoerna Agro Tbk
103	SIDO	PT Industri Jamu dan Farmasi Sido Muncul Tbk
104	SILO	PT Siloam International Hospitals Tbk.
105	SIMP	Salim Ivomas Pratama Tbk
106	SIPD	Sierad Produce Tbk
107	SKBM	Sekar Bumi Tbk
108	SMDM	Suryamas Dutamakmur Tbk
109	SMRA	PT Summarecon Agung Tbk
110	SSMS	PT Sawit Sumbermas Sarana Tbk.
111	TCID	Mandom Indonesia Tbk
112	TELE	Tiphone Mobile Indonesia Tbk

113	TIFA	Tifa Finance Tbk
114	TMPO	Tempo Inti Media Tbk
115	TOTO	Surya Toto Indonesia Tbk
116	TRUS	Trust Finance Indonesia Tbk
117	ULTJ	Ultra Jaya Milk Industry Tbk
118	UNVR	Unilever Indonesia Tbk
119	VIVA	PT Visi Media Asia Tbk
120	VOKS	Voksel Electric Tbk
121	VRNA	Verena Multi Finance Tbk
122	WOMF	PT Wahana Ottomitra Multiartha Tbk
123	WTON	Wijaya Karya Beton

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1	AALI	Astra Agro Lestari Tbk
2	ACST	PT Acset Indonusa Tbk.
3	AGII	PT Aneka Gas Industri Tbk.
4	AKRA	AKR Corporindo Tbk
5	AMIN	PT Ateliers Mecaniques D'Indonesie Tbk.
6	AMRT	PT Sumber Alfaria Trijaya Tbk.
7	APLI	Asiaplast Industries Tbk
8	ARMY	PT Armidian Karyatama Tbk
9	ARNA	Arwana Citramulia Tbk
10	ARTO	PT Bank Artos Indonesia Tbk
11	ASDM	Asuransi Dayin Mitra Tbk
12	ASSA	Adi Sarana Armada Tbk
13	BACA	PT Bank Capital Indonesia Tbk

14	BAJA	Saranacentral Bajatama Tbk
15	BEST	Bekasi Fajar Industrial Estate Tbk
16	BHIT	PT MNC Investama Tbk.
17	BIKA	PT Binakarya Jaya Abadi Tbk.
18	BIRD	PT Blue Bird Tbk
19	BISI	BISI INTERNATIONAL Tbk
20	BMAS	PT Bank Maspion Indonesia Tbk.
21	BMSR	Bintang Mitra Semestaraya Tbk
22	BMTR	Global Mediacom Tbk
23	BNBA	Bank Bumi Arta Tbk
24	BNLI	Bank Permata Tbk
25	BOLT	PT Garuda Metalindo Tbk.
26	BPII	PT Batavia Prosperindo Internasional Tbk.
27	BSIM	Bank Sinarmas Tbk
28	BTEK	Bumi Teknokultura Unggul Tbk
29	BTPN	PT Bank Tabungan Pensiunan Nasional Tbk
30	BUKK	Bukaka Teknik Utama Tbk
31	BVIC	Bank Victoria International Tbk
32	BWPT	Eagle High Plantations Tbk
33	CARS	PT Industri dan Perdagangan Bintraco Dharma Tbk
34	CEKA	PT Wilmar Cahaya Indonesia Tbk.
35	CFIN	Clipan Finance Indonesia Tbk
36	CLEO	PT Sariguna Primatirta Tbk
37	CMNP	Citra Marga Nusaphala Persada Tbk
38	CSAP	Catur Sentosa Adiprana Tbk
39	CTRA	Ciputra Development Tbk
40	DART	Duta Anggada Realty Tbk

41	DMAS	PT Puradelta Lestari Tbk.
42	DPUM	PT Dua Putra Utama Makmur Tbk.
43	DVLA	Darya-Varia Laboratoria Tbk
44	DWGL	PT Dwi Guna Laksana Tbk
45	ECII	PT Electronic City Indonesia Tbk.
46	EPMT	Enseval Putra Megatrading Tbk
47	EXCL	PT XL Axiata Tbk
48	FAST	Fast Food Indonesia Tbk
49	FMII	Fortune Mate Indonesia Tbk
50	GEMA	Gema Grahasarana Tbk
51	GGRM	Gudang Garam Tbk
52	GMTD	Gowa Makassar Tourism Development Tbk
53	GPRA	Perdana Gapura Prima Tbk
54	GSMF	Equity Development Investment Tbk
55	GWSA	PT Greenwood Sejahtera Tbk
56	HMSP	HM Sampoerna Tbk
57	HOKI	PT Buyung Poetra Sembada Tbk.
58	IDPR	PT Indonesia Pondasi Raya Tbk.
59	INCI	Intanwijaya Internasional Tbk
60	INDS	Indospring Tbk
61	INTP	Indocement Tunggal Prakarsa Tbk
62	ISAT	PT Indosat Tbk
63	ISSP	PT Steel Pipe Industry of Indonesia Tbk
64	JGLE	PT Graha Andrasentra Propertindo Tbk.
65	JPFA	JAPFA Comfeed Indonesia Tbk
66	KBLI	KMI Wire and Cable Tbk
67	KIJA	Kawasan Industri Jababeka Tbk

68	KINO	PT Kino Indonesia Tbk
69	KIOS	PT Kioson Komersial Indonesia Tbk.
70	KPIG	MNC Land Tbk
71	KRAH	PT Grand Kartech Tbk
72	LION	Lion Metal Works Tbk
73	LMSH	Lionmesh Prima Tbk
74	LPCK	Lippo Cikarang Tbk
75	LPLI	Star Pacific Tbk
76	LSIP	PP London Sumatra Indonesia Tbk
77	LTLS	PT Lautan Luas Tbk
78	MAIN	Malindo Feedmill Tbk
79	MAYA	PT Bank Mayapada Internasional Tbk
80	MCAS	PT M Cash Integrasi Tbk
81	MDKI	PT Emdeki Utama Tbk
82	MDLN	Modernland Realty Ltd Tbk
83	MICE	Multi Indocitra Tbk
84	MKNT	PT Mitra Komunikasi Nusantara Tbk.
85	MLPL	Multipolar Tbk
86	MMLP	PT Mega Manunggal Property Tbk.
87	MPMX	PT Mitra Pinasthika Mustika Tbk.
88	MSKY	MNC Sky Vision Tbk
89	MTLA	Metropolitan Land Tbk
90	MYRX	Hanson International Tbk
91	NASA	PT Ayana Land International Tbk
92	NELY	Pelayaran Nelly Dwi Putri Tbk
93	NIRO	City Retail Developments Tbk
94	NOBU	PT Bank Nationalnobu Tbk.

95	NRCA	PT Nusa Raya Cipta Tbk.
96	PALM	Provident Agro Tbk
97	PANR	Panorama Sentrawisata Tbk
98	PANS	Panin Sekuritas Tbk
99	PBID	PT Panca Budi Idaman Tbk
100	PDES	Destinasi Tirta Nusantara Tbk
101	PGLI	Pembangunan Graha Lestari Tbk
102	PNBN	Bank Pan Indonesia Tbk
103	PNBS	PT Bank Panin Dubai Syariah Tbk.
104	PPRE	PT PP Presisi Tbk.
105	PTPP	PP (Persero) Tbk
106	PWON	Pakuwon Jati Tbk
107	PYFA	Pyridam Farma Tbk
108	RMBA	Bentoel International Investama Tbk
109	RUIS	Radiant Utama Interinsco Tbk
110	SCMA	Surya Citra Media Tbk
111	SDRA	PT Bank Woori Saudara Indonesia 1906 Tbk
112	SGRO	Sampoerna Agro Tbk
113	SKLT	Sekar Laut Tbk
114	SMAR	SMART Tbk
115	SMBR	PT Semen Baturaja (Persero) Tbk
116	SMDM	Suryamas Dutamakmur Tbk
117	SMMT	Golden Eagle Energy Tbk
118	SMRA	PT Summarecon Agung Tbk
119	SMSM	Selamat Sempurna Tbk
120	SRSN	Indo Acidatama Tbk
121	SSIA	Surya Semesta Internusa Tbk

122	STAR	Star Petcohem Tbk
123	TBIG	PT Tower Bersama Infrastructure Tbk
124	TELE	Tiphone Mobile Indonesia Tbk
125	TGKA	Tigaraksa Satria Tbk
126	TIRT	Tirta Mahakam Resources Tbk
127	TMAS	Pelayaran Tempuran Emas Tbk
128	TMPO	Tempo Inti Media Tbk
129	TOPS	PT Totalindo Eka Persada Tbk.
130	TRIS	Trisula International Tbk
131	TRST	Trias Sentosa Tbk
132	TURI	Tunas Ridean Tbk
133	UNSP	Bakrie Sumatera Plantations Tbk
134	VICO	PT Victoria Investama Tbk.
135	VIVA	PT Visi Media Asia Tbk
136	VOKS	Voksel Electric Tbk
137	WEHA	PT WEHA Transportasi Indonesia Tbk
138	WOMF	PT Wahana Ottomitra Multiartha Tbk
139	WTON	Wijaya Karya Beton

Lampiran 2

No	Tahun	Kode	Idiosync	Umur	Ukur Dew	Frek Dew	Frek Com	Kon Shm	Tenur	Size	Roa	Growth
1	2014	AALI	0.0022	3.989	6	4	8	7	5	30.5519	0.1413	0.2227
2	2014	ABBA	0.0051	3.7842	6	1	2	4	1	26.8191	0.0158	0.0313
3	2014	ABDA	0.0043	3.9703	3	12	4	1	4	28.6172	0.0642	0.2383
4	2014	ACST	0.0019	4.0254	2	2	3	3	2	28.0188	0.0704	0.249
5	2014	ADMF	0.0049	4.0604	6	4	4	7	3	31.0299	0.0265	0.0226
6	2014	AHAP	0.0027	4.0775	4	12	4	6	1	26.6249	0.0607	0.1377
7	2014	ALDO	0.0003	4.0604	3	12	6	5	2	26.601	0.056	0.2584
8	2014	AMAG	0.0011	4.1109	4	12	4	7	3	28.1329	0.0847	0.0977
9	2014	ANTM	0.0015	3.8286	6	12	10	6	2	30.7222	-0.007	-0.1992
10	2014	APII	0.0025	3.8712	3	5	4	5	2	26.8094	0.0727	0.2831
11	2014	ARTA	0.004	3.8712	2	6	12	4	2	26.6149	0.0304	-0.0978
12	2014	ASDM	0.0015	3.8501	3	12	3	7	5	27.934	0.0279	0.2098
13	2014	BABP	0.0016	3.8712	3	10	11	3	1	29.8749	-0.0058	0.1191
14	2014	BACA	0.0016	3.9318	3	12	6	2	4	29.8558	0.0081	0.3007
15	2014	BDMN	0.0008	4.0943	6	6	9	6	3	32.9076	0.0137	0.1244
16	2014	BIPP	0.0005	3.8501	3	3	4	3	1	27.1433	0.0326	0.404
17	2014	BISI	0.0042	3.8286	3	10	7	3	6	28.2559	0.0889	0.0865
18	2014	BKDP	0.0024	3.5264	4	6	4	3	6	27.4435	0.0072	0.8972
19	2014	BKSL	0.003	3.7612	5	8	12	3	5	29.9323	0.0039	-0.3511
20	2014	BKSW	0.0029	4.0775	6	6	6	7	2	30.6678	0.0058	0.5853
21	2014	BMAS	0.0043	4.1109	3	4	3	6	2	29.2056	0.0051	0.1827
22	2014	BMSR	0.0035	3.7377	2	6	4	7	1	26.8929	-0.3054	0.0461

23	2014	BNBA	0.0026	4.1109	3	6	5	4	1	29.2711	0.0101	0.2523
24	2014	BNLI	0.0003	3.8501	8	10	12	4	1	32.8533	0.0086	0.2328
25	2014	BTEK	0.0026	3.6889	3	12	6	2	2	26.8168	-0.0068	-0.093
26	2014	BTON	0.0017	3.912	2	5	5	4	6	25.8823	0.046	-0.1771
27	2014	BTPN	0.0008	3.8918	6	6	6	4	5	31.9487	0.0249	0.1098
28	2014	BVIC	0.0004	3.7842	4	10	11	3	1	30.6928	0.0049	0.2553
29	2014	CTRA	0.0018	3.912	4	5	4	3	5	30.7896	0.0762	0.1992
30	2014	CTTH	0.0016	4.0073	3	6	6	1	4	26.6232	0.0028	-0.165
31	2014	DKFT	0.0005	3.9512	3	4	6	7	4	27.8058	-0.0395	0
32	2014	DLTA	0.0019	4.2047	5	2	2	5	3	27.628	0.2879	0.2298
33	2014	DPNS	0.0026	4.1589	3	4	4	5	6	26.318	0.0558	0.015
34	2014	DSNG	0.002	4.0431	6	4	5	5	1	29.6016	0.0906	0.2156
35	2014	EPMT	0.0008	4.0254	4	4	4	7	5	29.4551	0.0805	0.0816
36	2014	FAST	0.0011	4.0073	6	4	4	4	5	28.4025	0.0721	0.0592
37	2014	FMII	0.0002	4.1271	3	5	5	4	1	26.8523	0.0044	-0.1591
38	2014	FREN	0.0041	4.0943	5	1	3	3	4	30.5071	-0.0546	0.1777
39	2014	GEMA	0.0017	3.8712	3	12	4	7	1	26.7635	0.0429	-0.0411
40	2014	GJTL	0.0017	4.0604	6	4	11	4	3	30.4112	0.0182	0.0549
41	2014	GMTD	0.0055	4.1109	8	6	4	3	1	28.0524	0.0787	0.0475
42	2014	GWSA	0.0013	4.0073	2	2	4	5	2	29.3064	0.0322	0.483
43	2014	GZCO	0.0029	4.1271	4	4	8	2	1	28.8044	-0.0158	0.0756
44	2014	HERO	0.0014	3.8712	9	4	12	6	5	29.7468	0.0077	0.0681
45	2014	ICBP	0.0007	4.1744	7	2	6	7	5	30.8511	0.1011	0.1641
46	2014	ICON	0.0034	3.9512	3	3	2	4	3	26.4469	0.0163	0.5146
47	2014	INDS	0.0037	3.9512	3	6	5	7	3	28.4565	0.0561	0.0884

48	2014	INTP	0.0008	3.8501	7	2	4	5	5	30.9943	0.1832	0.0653
49	2014	JKSW	0.0043	3.989	2	2	6	3	1	26.4368	-0.0318	-0.0605
50	2014	JPFA	0.0015	3.912	3	5	8	5	4	30.3884	0.0249	0.1246
51	2014	KBLI	0.0031	4.0604	5	6	4	3	3	27.9244	0.0537	-0.0789
52	2014	KBRI	0	3.6889	3	2	5	3	1	27.8926	-0.0131	0.6571
53	2014	KIJA	0.0016	4.1744	4	5	9	1	5	29.7721	0.0469	0.0211
54	2014	KLBF	0.0003	3.9512	6	4	4	1	5	30.1519	0.1707	0.0787
55	2014	KRAH	0.0024	3.9318	3	4	4	7	1	26.8955	0.0662	-0.0763
56	2014	LMPI	0.0012	4.0431	2	6	12	1	6	27.4191	-0.001	-0.3177
57	2014	LPIN	0.0013	4.0431	4	3	3	2	6	25.9218	-0.0497	-0.1
58	2014	LPLI	0.0022	3.912	3	4	4	1	2	28.5441	0.2115	-0.0106
59	2014	LPPF	0.0011	3.9318	5	3	4	1	5	28.8586	0.4158	0.1479
60	2014	LSIP	0.0023	3.989	8	5	4	5	5	29.7958	0.1052	0.1255
61	2014	MAIN	0.0037	4.1271	5	4	4	5	2	28.8923	-0.0238	0.0686
62	2014	MDLN	0.001	3.6889	5	11	9	2	5	29.9689	0.0682	0.3507
63	2014	MDRN	0.0015	4.1589	3	4	12	2	5	28.4994	0.0172	0.1147
64	2014	META	0.0007	3.989	3	4	7	2	3	29.0359	0.0373	0.1795
65	2014	MICE	0.0008	3.8918	3	6	6	4	2	27.22	0.0618	-0.1193
66	2014	MPPA	0.0024	3.9318	6	4	4	4	6	29.3947	0.095	0.1234
67	2014	MSKY	0.0032	3.912	6	3	4	6	3	29.4016	-0.0262	0.0793
68	2014	MTDL	0.0033	3.6636	3	4	5	2	3	28.6368	0.0977	0.1326
69	2014	MYRX	0.0012	3.7842	4	5	6	1	2	29.3755	0.0002	0.3609
70	2014	NAGA	0.0054	4.1431	3	4	8	7	2	28.2688	0.0033	0.3758
71	2014	NELY	0.0038	3.9318	3	6	10	7	3	26.8168	0.0519	0.0594
72	2014	NIRO	0.0004	3.7136	3	6	5	5	3	28.7419	0.0356	-0.0735

73	2014	NRCA	0.0023	4.0254	4	6	4	6	2	28.2433	0.1506	0.0923
74	2014	PANR	0.0002	3.9318	3	2	8	6	4	28.1438	0.0359	0.1339
75	2014	PANS	0.0004	4.1271	6	8	8	3	5	28.2329	0.2011	0.3185
76	2014	PLAS	0.0003	3.7136	2	5	3	1	1	26.6177	0.0165	0
77	2014	PNIN	0.0007	3.989	2	4	4	2	2	30.689	0.077	0.1027
78	2014	PRAS	0.0041	4.2047	3	4	4	3	2	27.8832	0.0865	0.2899
79	2014	PSKT	0.0055	3.7842	4	2	3	6	2	27.0222	-0.0735	0.3077
80	2014	PWON	0.0016	4.1109	3	3	6	1	3	30.4507	0.0002	0.2175
81	2014	RANC	0.0025	3.8712	3	4	3	2	3	27.3851	0.0115	0.2084
82	2014	ROTI	0.0019	4.0604	4	3	4	3	5	28.3932	0.0882	0.1995
83	2014	SCMA	0.0013	3.8712	4	3	12	6	5	29.1845	0.0002	0.089
84	2014	SDPC	0.0028	3.8286	5	4	4	5	4	26.9961	0.0132	0.089
85	2014	SGRO	0.0017	4.1431	4	3	4	6	5	29.3301	0.064	0.2523
86	2014	SMDM	0.0039	4.0431	3	2	4	7	4	28.7803	0.0139	0.211
87	2014	SMRA	0.0016	4.0073	4	4	4	2	5	30.3956	0.1019	0.2889
88	2014	SMSM	0.0029	4.2047	3	4	4	5	2	28.1952	0.24	0.0953
89	2014	SONA	0.0041	3.7612	5	2	4	4	4	27.7154	0.0993	0.1777
90	2014	SSIA	0.0028	3.9318	6	8	8	1	4	29.4216	0.0692	-0.0267
91	2014	STAR	0	3.9318	2	5	5	5	4	27.3774	0.0077	-0.2018
92	2014	TGKA	0.0025	3.8286	5	6	4	3	5	28.5356	0.0668	0.1337
93	2014	TINS	0.0029	4.1109	6	4	3	6	2	29.9179	0.0648	0.206
94	2014	TIRA	0.0002	4.0604	3	3	5	4	1	26.1657	0.0087	0.0717
95	2014	TOTO	0.0041	3.5835	5	2	12	3	5	28.3377	0.1449	0.1667
96	2014	TOWR	0.0005	3.5835	3	6	4	3	5	30.478	0.0487	0.2214
97	2014	TRIS	0.0002	3.9512	3	12	9	3	2	26.9848	0.0668	0.0496

98	2014	TRST	0.0029	4.0775	4	6	4	2	5	28.8131	0.0092	0.1893
99	2014	TRUS	0	4.1271	3	4	4	3	6	26.3092	0.038	-0.4342
100	2014	ULTJ	0.0007	4.2485	3	4	3	2	2	28.7016	0.097	0.1164
101	2014	VICO	0.0035	3.7136	3	4	4	7	2	27.7395	0.0607	0.1117
102	2014	VIVA	0.0041	3.6889	6	3	2	5	1	29.4484	0.0281	0.3074
103	2014	VOKS	0.0034	4.3307	5	6	6	3	2	28.0718	-0.055	-0.2533
104	2014	WEHA	0.0004	3.8918	2	12	6	5	4	26.8914	0.0074	0.0123
105	2014	YPAS	0.0041	4.2341	3	6	4	7	4	26.4916	-0.025	-0.0428
106	2015	AALI	0.0039	4.0073	5	4	7	7	1	30.6996	0.0324	-0.2486
107	2015	ABBA	0.0018	3.8067	4	3	4	4	2	26.7247	-0.1064	-0.1
108	2015	ACST	0.0034	4.0431	4	6	4	5	1	28.2883	0.0219	0.0044
109	2015	AKRA	0.0017	3.9703	3	8	5	5	1	30.3525	0.0714	-0.1368
110	2015	ALDO	0.0002	4.0775	3	6	6	5	3	26.6259	0.0656	-0.0891
111	2015	AMAG	0.0042	4.1271	4	5	2	6	4	28.5972	0.0737	0.4011
112	2015	ARNA	0.005	3.912	3	6	12	2	1	27.9894	0.0517	-0.2461
113	2015	ASMI	0.0012	4.1431	4	12	4	2	2	27.0496	0.0164	-0.1112
114	2015	ASRI	0.0028	3.9703	5	2	6	2	1	30.5601	0.8794	0.1211
115	2015	BABP	0.002	3.8918	3	12	11	3	2	30.1273	0.0007	0.1997
116	2015	BACA	0.0039	3.9512	3	12	6	2	1	30.1291	0.0075	0.2934
117	2015	BAJA	0.0019	3.7136	3	3	6	1	3	27.5787	-0.0095	0.0176
118	2015	BCAP	0.0033	3.8918	3	6	4	6	2	30.596	-0.002	0.1912
119	2015	BCIP	-0.0004	4.1589	3	8	6	5	1	27.235	0.0059	-0.2632
120	2015	BEST	0.0041	4.0254	5	4	4	4	1	29.1638	0.0458	-0.2177
121	2015	BHIT	0.0043	3.9703	6	6	4	3	4	31.6046	0.0084	-0.0182
122	2015	BINA	0.0017	4.0431	3	6	6	3	1	28.3641	0.0081	0.1893

123	2015	BIPP	0.0027	3.8712	3	3	4	3	1	27.9154	0.0941	0.1161
124	2015	BIRD	0.0038	4.2195	8	4	9	3	1	29.5986	0.1159	0.1304
125	2015	BKDP	0.0024	3.5553	4	6	4	3	1	27.3966	-0.0354	-0.7833
126	2015	BLTZ	0.0014	4.2047	2	3	4	4	1	27.4063	-0.0452	0.1673
127	2015	BMAS	0.0027	4.1271	3	6	3	6	1	29.307	0.0075	0.1436
128	2015	BMSR	0.0039	3.7612	2	6	4	7	2	26.9961	-0.0302	-0.0412
129	2015	BMTR	0.0044	3.9703	5	1	4	5	4	30.9079	0.0095	-0.0079
130	2015	BNBA	0.0012	4.1271	3	11	6	4	2	29.5131	0.0087	0.1959
131	2015	BPII	0.0012	3.9318	3	6	4	4	1	27.0352	0.1067	0.2482
132	2015	BSIM	0.0021	3.989	3	7	6	5	4	30.9585	0.0066	0.2459
133	2015	BTON	0.0035	3.9318	2	6	5	4	1	25.9328	0.0317	-0.4328
134	2015	BTPN	0.0009	3.989	6	7	5	4	1	32.026	0.0216	0.0547
135	2015	CSAP	0.0022	4.1431	5	4	5	3	1	28.8901	0.0122	0.0164
136	2015	CTRA	0.0026	3.9318	3	5	4	3	1	30.899	0.0663	0.1562
137	2015	DART	0.0026	4.0073	3	12	12	4	1	29.3783	0.031	-0.5279
138	2015	DGIK	0.0039	3.6889	4	12	6	3	6	28.3701	0.0024	-0.3127
139	2015	DPNS	0.0034	4.1744	3	4	4	5	1	26.3364	0.0365	-0.1271
140	2015	DSNG	0.0026	4.0604	6	6	5	5	2	29.692	0.0385	-0.107
141	2015	DVLA	0.0023	3.989	6	1	4	7	1	27.9502	0.0778	0.1549
142	2015	DYAN	0.0041	3.912	5	4	4	5	1	28.131	-0.0726	-0.1901
143	2015	EKAD	0.0014	4.1744	2	6	6	7	1	26.6894	0.0769	0.0094
144	2015	EPMT	0.0046	3.912	5	4	4	7	1	29.5403	0.0821	0.0266
145	2015	EXCL	0.0033	3.8501	7	9	7	6	1	31.7059	-0.0004	-0.0254
146	2015	FAST	0.0032	4.0254	6	6	4	4	1	28.4687	0.0454	0.0594
147	2015	GDST	0.0016	4.3307	3	6	5	5	1	27.7999	-0.0465	-0.3304

148	2015	GJTL	0.0026	4.0775	6	4	11	4	4	30.4938	-0.0119	-0.0077
149	2015	GMTD	0.0016	3.7842	8	6	4	3	1	27.8732	0.0926	0.0094
150	2015	GPRA	0.0023	3.8067	3	12	4	3	1	28.0846	0.0464	-0.3582
151	2015	HADE	0.0001	3.7842	2	3	2	3	5	26.4034	-0.0065	-0.9103
152	2015	HDFA	0.0014	3.912	3	7	12	7	1	28.7575	0.0129	0.2918
153	2015	HERO	0.0036	3.8918	8	6	4	6	1	29.7282	-0.0101	0.1104
154	2015	ICBP	0.001	4.1897	6	7	6	7	1	30.9105	0.11	0.0542
155	2015	IGAR	0.0023	4.0604	2	4	4	7	2	26.6739	0.1328	-0.0901
156	2015	IMAS	0.0024	4.0604	7	4	6	7	1	30.8443	-0.0009	-0.075
157	2015	IMJS	0.0023	4.0775	3	6	4	7	1	30.0411	0.0074	0.1691
158	2015	IMPC	0.001	3.9512	2	6	4	3	1	28.147	0.0775	-0.2312
159	2015	INCI	0.0032	4.1109	3	4	4	1	1	25.8591	0.065	0.195
160	2015	INDS	0.0028	3.9703	3	6	4	7	4	28.5687	0.0008	-0.1247
161	2015	JIHD	0.0043	4.4543	6	6	6	1	5	29.4982	0.0142	0.028
162	2015	JPFA	0.005	3.9318	4	1	6	5	5	30.4735	0.0305	0.0225
163	2015	KBLI	0.003	4.0775	5	6	4	4	4	28.0706	0.0741	0.1044
164	2015	KBLM	0.003	3.9318	3	6	4	2	3	27.2064	0.0199	0.0496
165	2015	KBLV	0.0033	4.0073	8	6	4	5	1	30.2493	-0.1104	-0.905
166	2015	KIJA	0.002	3.9318	5	6	6	1	6	29.9074	0.034	0.1086
167	2015	KLBF	0.0008	3.9703	6	5	4	1	1	30.2481	0.1503	0.029
168	2015	KPIG	0.0007	3.9703	5	6	4	1	1	30.0404	0.0216	0.1106
169	2015	KRAH	0.0043	3.9512	3	4	4	7	2	27.0028	-0.0143	-0.01
170	2015	LMPI	0.0029	4.0604	2	6	12	1	1	27.3991	0.0063	-0.135
171	2015	LPIN	0.0033	4.0604	4	5	2	2	1	26.504	-0.0556	0.1026
172	2015	LPKR	0.0025	4.0943	8	8	4	1	1	31.3525	0.0248	-0.3081

173	2015	LPLI	0.0026	3.9318	3	6	4	1	1	28.5242	-0.1257	0.0408
174	2015	LPPF	0.0012	3.9512	8	6	4	1	6	28.9892	0.458	0.12
175	2015	LSIP	0.0037	4.0073	6	8	6	5	1	29.8113	0.0704	-0.1282
176	2015	MAIN	0.0052	4.1431	5	4	4	5	1	29.004	-0.0193	0.0572
177	2015	MDIA	0.0025	3.8067	3	6	4	7	2	28.4586	0.114	0.029
178	2015	MDRN	0.0041	4.1744	3	4	12	2	1	28.5429	-0.0253	-0.1701
179	2015	META	0.0045	4.0073	3	6	6	2	4	29.2079	0.0436	0.1618
180	2015	MICE	0.0027	3.4965	3	6	6	4	3	27.3592	0.0341	0.0486
181	2015	MIRA	0	3.8067	3	3	12	1	6	26.8991	-0.0291	0.0374
182	2015	MLBI	0.0031	3.7842	6	4	6	7	1	28.3734	0.3422	-0.1083
183	2015	MLPL	0.004	4.0431	6	6	4	2	1	30.7549	-0.0531	0.0444
184	2015	MPMX	0.0026	3.9318	6	5	5	3	4	30.3038	0.0213	-0.0352
185	2015	MPPA	0.0034	3.9512	7	7	4	4	1	29.4706	0.0353	0.0243
186	2015	MSKY	0.0042	3.9318	5	2	3	7	4	29.533	-0.1132	-0.0111
187	2015	MTLA	0.0015	4.1109	5	6	4	3	4	28.9178	0.066	-0.0266
188	2015	NELY	0.0021	3.9512	3	6	9	7	1	26.7683	0.0569	-0.1406
189	2015	NIRO	0.0023	3.9512	3	3	5	4	4	28.7749	-0.0131	0.5149
190	2015	NOBU	0.0018	3.8918	3	6	6	2	1	29.5336	0.0027	0.231
191	2015	NRCA	0.0028	4.0431	4	6	5	6	1	28.3217	0.0994	0.0802
192	2015	OMRE	0.0001	4.0254	7	6	3	7	4	27.4322	-0.0282	0.057
193	2015	PALM	0.0025	3.7842	6	4	4	4	4	29.1779	-0.0117	-0.0105
194	2015	PANS	0.0018	4.1431	6	8	8	3	6	28.0133	0.0439	-0.9215
195	2015	PLAS	0.0001	3.7377	2	3	2	1	2	26.5581	-0.0292	-0.2083
196	2015	PNBN	0.0022	4.0775	6	8	6	4	4	32.8412	0.0086	0.0841
197	2015	PNIN	0.0005	4.0073	2	6	4	2	1	30.7708	0.0549	0.1352

198	2015	PSDN	0.0038	4.1271	6	6	4	4	1	27.153	-0.0677	-0.1029
199	2015	PSKT	0.0036	3.8067	4	3	4	6	3	26.9655	-0.1556	0.2121
200	2015	RANC	0.0031	3.8918	3	4	4	2	4	27.3025	-0.0278	0.1405
201	2015	RDTX	0.0008	4.1431	3	2	2	3	6	28.258	0.1384	-0.0213
202	2015	RMBA	0.0028	3.8286	5	5	4	7	1	30.17	-0.1294	0.1613
203	2015	SDRA	0.002	4.0604	4	12	12	7	1	30.6277	0.0132	0.8377
204	2015	SGRO	0.0023	4.1589	4	8	4	6	1	29.6182	0.0339	-0.1417
205	2015	SILO	0.0021	4.0943	7	7	4	6	1	28.725	0.0207	0.9178
206	2015	SIPD	0.0028	3.912	3	6	4	5	6	28.4406	-0.1611	-0.1857
207	2015	SMRA	0.0026	4.0431	4	4	4	2	1	30.5626	0.0567	-0.0236
208	2015	SONA	0.0048	3.7842	7	2	4	4	5	27.7585	0.0326	0.1462
209	2015	SPMA	0.0017	4.2047	5	8	6	4	6	28.4131	-0.0192	0.0438
210	2015	SSIA	0.003	3.9512	6	6	6	1	1	29.4973	0.0469	0.083
211	2015	STAR	0.0027	3.9512	2	5	5	4	5	27.3149	0.4211	0.1163
212	2015	SUPR	0.0045	3.7136	5	5	4	4	1	30.2512	0.01	0.3998
213	2015	TIFA	0.003	3.8918	4	3	4	3	5	27.9282	0.0149	-0.0159
214	2015	TIRT	0.0016	4.0604	2	6	4	3	4	27.3605	0.0223	0.0446
215	2015	TMAS	0.0027	4.1897	3	6	12	7	1	28.2088	0.1779	-0.0407
216	2015	TMPO	0.0016	4.0254	5	6	4	2	2	26.5697	0.0087	-0.2579
217	2015	TOTL	0.0013	3.912	6	6	10	5	5	28.6769	0.0671	0.0706
218	2015	TOTO	0.0025	3.6109	5	2	12	3	1	28.523	0.1169	0.0988
219	2015	TOWR	0.0004	3.912	3	10	4	3	1	30.4277	0.0773	0.0812
220	2015	TRIL	0.0001	3.9512	3	4	4	5	3	25.7731	-0.0513	0
221	2015	TRST	0.0044	4.0943	4	6	6	2	1	28.8421	0.0075	-0.0206
222	2015	TURI	0.0004	3.7612	5	4	4	4	1	29.104	0.0669	-0.0857

223	2015	UNIT	0.0045	3.9703	2	5	3	3	2	26.8567	0.0008	0.1356
224	2015	UNTR	0.0024	3.7612	6	5	5	5	1	31.7535	0.0452	-0.0769
225	2015	VICO	0.0031	3.7377	3	6	4	7	3	27.8846	0.0482	0.0797
226	2015	VIVA	0.0026	3.7136	5	3	6	5	2	29.4565	-0.0775	-0.0664
227	2015	VOKS	0.0028	4.3438	5	4	6	1	3	28.0602	0.0002	-0.2539
228	2015	WAPO	0.0043	3.8712	2	6	4	1	5	25.4054	0.0025	-0.6744
229	2015	WICO	0.0022	3.8501	3	3	4	7	1	26.1078	0.0138	0.1595
230	2015	WOMF	0.0038	3.9318	5	12	11	6	1	29.2999	0.003	0.1039
231	2015	YULE	0.0049	3.8918	2	2	2	5	2	24.7085	0.0143	-0.7962
232	2016	ABBA	0	3.8286	3	3	4	4	3	26.8824	-0.0254	0.0615
233	2016	ACST	0.0018	4.0604	3	6	4	5	2	28.5486	0.027	0.2437
234	2016	ADMF	0.0032	4.0943	6	6	4	7	2	30.9504	0.0365	0.0415
235	2016	AGRS	0.0028	4.0604	3	6	4	7	3	29.0322	0.0008	-0.088
236	2016	AHAP	0.0047	4.1109	4	12	4	6	3	26.8191	0.0185	-0.1263
237	2016	AKRA	0.0014	3.989	3	11	4	5	2	30.393	0.0661	-0.2992
238	2016	ALKA	0.0042	3.9318	4	6	4	3	3	25.6432	0.0038	0.3495
239	2016	AMAG	0.0044	4.1431	4	12	2	7	1	28.8654	0.0379	-0.3314
240	2016	APIC	0.0043	3.912	2	9	4	4	1	28.2582	0.0376	0.4556
241	2016	ARNA	0.0026	3.9318	3	6	12	3	2	28.0647	0.059	0.1455
242	2016	ARTA	0.0019	3.3673	3	6	12	7	4	26.6286	0.0054	0.0366
243	2016	ASDM	0.0022	3.8918	4	12	12	7	2	27.6929	0.0367	-0.1419
244	2016	ASMI	0.0015	4.1589	4	12	4	2	1	27.1492	0.0676	-0.233
245	2016	ASRI	0.0013	3.989	5	3	10	2	2	30.636	0.9067	-0.025
246	2016	ATIC	0.0012	4.0431	3	4	4	3	2	28.6094	0.0275	0.2835
247	2016	BABP	0.0036	3.912	3	11	11	3	1	30.2004	0.0007	0.1037

248	2016	BACA	0.0033	3.9703	3	12	6	1	1	30.2848	0.0066	0.0949
249	2016	BAPA	-0.0001	3.989	3	2	2	3	4	25.9107	0.0101	0.2941
250	2016	BBLD	0.0009	3.7136	2	6	9	6	2	28.92	0.0147	-0.0741
251	2016	BDMN	0.0029	4.0604	7	7	10	6	2	32.794	0.016	-0.0855
252	2016	BEST	0.0031	4.0431	5	4	5	4	2	29.2806	0.0646	0.1638
253	2016	BHIT	0.0024	3.9318	5	6	4	2	1	31.6436	0.0146	0.1008
254	2016	BINA	0.0029	4.0604	3	8	6	2	2	28.4893	0.0077	0.0689
255	2016	BIPP	0.0017	3.8918	3	6	4	7	1	28.1306	0.0164	0.0175
256	2016	BIRD	0.0041	4.2341	8	6	7	3	2	29.619	0.0699	-0.141
257	2016	BKDP	0.005	4.1109	4	6	4	3	2	27.3889	-0.0369	-0.1538
258	2016	BMTR	0.0032	3.9318	5	4	4	5	1	30.8307	0.0321	-0.0109
259	2016	BNBA	0.0017	4.1431	3	8	6	4	1	29.5941	0.0111	0.079
260	2016	BOLT	0.0029	4.2047	2	3	11	5	2	27.5672	0.1156	0.0341
261	2016	BPII	0	3.9512	3	6	4	4	2	26.9649	0.1333	0.072
262	2016	BTON	0.0025	3.9512	2	6	4	7	2	25.8994	-0.0311	-0.0635
263	2016	BTPN	0.0037	3.9318	5	6	8	4	2	32.146	0.0205	0.0505
264	2016	BUDI	0.0033	3.989	6	6	4	2	1	28.7067	0.0133	0.0361
265	2016	BUKK	0.0037	4.1271	3	6	4	4	2	28.4466	0.0288	0.2594
266	2016	CITA	0.0001	4.0431	3	9	4	7	1	28.6339	-0.0972	0.9712
267	2016	CSAP	0.0015	4.1589	5	4	5	3	2	29.0758	0.0177	0.083
268	2016	CTRA	0.002	3.9512	3	7	6	3	2	31.0008	0.0403	-0.115
269	2016	CTTH	0.0035	4.0431	3	5	4	1	1	27.1465	0.0341	0.2029
270	2016	DMAS	0.0011	3.989	3	6	5	5	1	29.6856	0.0971	-0.4342
271	2016	DNET	0.0004	4.0604	7	4	5	3	1	29.7515	0.0478	0.6087
272	2016	DSNG	0.0048	4.0775	7	5	4	5	3	29.7331	0.0308	-0.1225

273	2016	DYAN	0.0034	3.9318	5	5	4	5	2	28.0616	-0.04	0.1393
274	2016	EKAD	0.0015	4.1897	2	6	6	7	1	27.2786	0.128	0.0651
275	2016	ERAA	0.0044	3.9318	3	6	12	5	2	29.6359	0.0271	0.0263
276	2016	FAST	0.0039	4.0431	6	6	4	4	2	28.578	0.0671	0.0836
277	2016	FREN	0.0033	4.0943	4	6	4	3	1	30.7581	-0.0866	0.168
278	2016	GEMA	0.0041	4.0775	3	6	4	7	1	27.2468	0.0455	0.1124
279	2016	GPRA	0.0037	3.8501	3	4	8	5	2	28.0358	0.0314	0.0303
280	2016	GSMF	0.0047	4.2905	4	4	4	4	2	29.1023	0.0235	0.0965
281	2016	GWSA	0.0049	4.1897	3	6	4	5	1	29.5716	0.0302	0.4113
282	2016	GZCO	0.0024	4.1589	4	4	12	2	3	28.8971	-0.0474	0.0972
283	2016	HOTL	0.0047	3.912	2	3	3	7	2	27.6929	-0.0131	0.1965
284	2016	IIKP	0.0032	3.6636	3	5	4	1	1	26.6204	-0.0742	0.7619
285	2016	IMAS	0.0025	4.0775	7	1	5	7	2	30.8749	-0.0122	-0.2027
286	2016	IMPC	0.0001	3.9703	3	6	4	3	2	28.4535	0.0553	-0.011
287	2016	INPC	0.0039	4.1109	5	12	12	1	1	30.8975	0.0028	-0.0648
288	2016	INTP	0.0009	3.8918	7	6	4	5	2	31.0372	0.0423	-0.1586
289	2016	JPFA	0.0033	3.9512	5	3	6	5	1	30.5886	-0.001	0.0754
290	2016	JRPT	0.0007	4.0254	5	4	4	6	2	29.7692	0.2125	0.097
291	2016	KBLI	0.0033	3.912	5	4	4	4	1	28.2575	0.0112	0.0533
292	2016	KDSI	0.005	4.2341	4	6	12	7	2	27.7638	0.0003	0.1414
293	2016	KIJA	0.0007	3.989	5	7	7	1	1	30.0044	0.0397	-0.0713
294	2016	KLBF	0.0012	3.989	7	6	4	1	2	30.354	-0.0005	0.0768
295	2016	KRAH	0.0003	3.9703	4	8	4	7	1	27.118	0.0014	0.0939
296	2016	LION	0.0025	4.1897	3	6	4	2	2	27.2541	0.0612	-0.0264
297	2016	LPGI	0.0048	3.8501	4	12	11	2	1	28.4643	0.0361	0

298	2016	LPIN	0.0033	4.0943	3	6	4	2	2	26.3143	-0.2388	0.4507
299	2016	LPLI	0.0026	3.9512	3	6	4	1	2	28.3768	-0.101	-0.1395
300	2016	LPPS	0.0042	3.8501	3	6	4	6	2	27.8367	0.0309	0.8047
301	2016	LRNA	0.0039	4.3307	3	4	4	5	2	26.4557	-0.0923	-0.286
302	2016	LSIP	0.002	4.0604	6	12	9	5	2	29.878	0.0626	-0.0889
303	2016	MAIN	0.0025	4.1589	5	5	4	5	2	28.9731	0.0551	0.0882
304	2016	MAYA	0.0042	4.0775	5	6	5	4	2	31.7393	0.0135	0.1703
305	2016	MDLN	0.002	3.7377	5	3	7	1	1	30.3744	0.0322	-0.2016
306	2016	MDRN	0.0052	4.1744	3	4	12	2	2	28.3151	-0.3229	-0.3793
307	2016	META	0.0016	4.0073	3	6	6	2	1	29.2814	0.0296	0.3732
308	2016	MICE	0.0019	3.5264	3	6	6	4	1	27.4661	0.0165	-0.0054
309	2016	MLBI	0.0017	3.8501	5	6	6	7	1	28.453	0.6044	0.1738
310	2016	MNCN	0.0047	3.9703	3	4	4	6	1	30.2871	0.1041	0.0423
311	2016	MPMX	0.0026	3.8067	6	5	5	3	3	30.3341	0.0275	0.0647
312	2016	MPPA	0.0022	3.6109	7	6	4	4	2	29.5334	0.0057	-0.0297
313	2016	MRAT	0.0017	4.0431	3	9	8	7	2	26.9033	-0.0104	-0.2442
314	2016	MTLA	0.0052	4.0254	6	3	3	3	1	29.0004	0.0803	0.0472
315	2016	MYRX	0.0025	3.8501	3	6	3	1	2	29.7604	0.0081	0.8892
316	2016	NIRO	0.0016	3.7377	2	3	8	4	1	28.9639	-0.0079	-0.9202
317	2016	NOBU	0.0029	3.912	3	6	6	2	2	29.8274	0.0034	0.1141
318	2016	OMRE	0.0016	4.0431	6	6	4	7	1	29.0815	0.0747	-0.0826
319	2016	PDES	0.0052	3.7377	3	2	2	6	1	26.8653	0.0538	0.334
320	2016	PGLI	0.0022	3.4965	3	4	4	4	2	24.9428	0.0092	0.2083
321	2016	PNBN	0.0026	4.0943	6	8	4	4	1	32.9252	0.0126	0.0305
322	2016	PNLF	0.0031	4.1109	3	6	5	5	2	30.8488	0.1985	-0.0166

323	2016	PSKT	0.0024	3.8286	4	6	4	6	4	27.1658	-0.0844	0.0704
324	2016	PYFA	0.0042	3.9703	4	6	6	5	1	25.8413	0.0299	-0.0046
325	2016	RANC	0.0027	3.9512	3	2	4	2	5	27.3039	0.0541	0.0717
326	2016	RUIS	0.0008	3.8501	3	6	7	2	2	27.6098	0.0266	-0.2143
327	2016	SGRO	0.0006	4.1744	3	7	4	6	2	29.7506	0.053	-0.0288
328	2016	SILO	0.0018	4.1109	8	6	4	5	2	29.0698	0.0234	0.1982
329	2016	SIPD	0.004	3.989	3	6	4	7	1	28.5738	0.0051	0.1294
330	2016	SKLT	0.0004	4.1109	3	4	4	2	2	27.0654	0.037	0.1056
331	2016	SMDM	0.0037	4.0775	3	2	5	7	1	28.7621	0.0065	-0.1677
332	2016	SMSM	0.0005	4.2485	3	11	5	5	2	28.4442	0.2226	0.0267
333	2016	SRSN	0	4.2767	8	6	4	3	2	27.2983	0.0851	-0.062
334	2016	SRTG	0.0015	3.434	5	6	8	3	3	30.8557	0.2268	0.4274
335	2016	SSIA	0.0018	3.9703	6	7	4	1	2	29.6044	0.0088	-0.2821
336	2016	TELE	0.0017	3.9703	5	6	4	3	2	29.737	0.057	0.193
337	2016	TMPO	0.0036	4.0943	5	7	12	2	3	26.5551	-0.0411	-0.0862
338	2016	TOTO	0.0014	3.6889	5	12	12	3	2	28.5792	0.0653	-0.1013
339	2016	TOWR	0.0007	3.9318	3	10	4	3	2	30.5642	0.1137	0.1156
340	2016	TRIS	0.0005	4.0604	3	12	12	3	2	27.1847	0.0391	0.0466
341	2016	TRST	0.0032	4.1109	4	6	6	2	2	28.8222	0.0103	-0.0924
342	2016	TRUS	0.0001	3.9512	3	4	4	3	2	26.3153	0.0397	0.0156
343	2016	TURI	0.0024	3.8067	5	4	4	4	2	29.236	0.1109	0.1844
344	2016	VICO	0.0053	3.7612	3	6	4	6	4	30.9082	0.0187	0.719
345	2016	VIVA	0.0055	3.7377	5	3	6	5	1	29.5534	0.0676	0.1307
346	2016	VRNA	0.003	3.8501	3	12	4	4	1	28.2135	0.0036	-0.1268
347	2016	WEHA	0.0005	3.6636	2	6	2	4	1	26.4436	-0.0803	-0.1986

348	2016	WIIM	0.0026	3.7842	3	6	4	2	2	27.9341	0.0783	-0.0914
349	2016	WOMF	0.0042	3.9512	5	11	10	6	2	29.5288	0.009	0.0946
350	2016	YPAS	0.0024	4.2627	3	7	5	7	6	26.3581	-0.0286	0.0036
351	2016	YULE	0.0012	3.912	2	6	4	5	3	24.6956	-0.0288	0.4442
352	2017	AALI	0.0005	3.9512	5	6	8	7	3	30.8473	0.0828	0.184
353	2017	ABBA	0.0001	3.8501	3	6	4	4	4	26.7824	0.0607	-0.153
354	2017	ADMF	0.0004	3.989	6	6	5	7	1	31.0152	0.0478	0.0792
355	2017	AGII	0.0015	4.0943	6	6	6	3	1	29.4883	0.0152	0.1019
356	2017	ALMI	0.0034	4.1897	4	12	4	3	1	28.4964	0.0034	0.2935
357	2017	AMAG	0.0024	4.1589	4	4	6	7	2	28.9886	0.0317	0.1344
358	2017	AMIN	0.0025	3.7377	2	6	4	5	3	26.2545	0.1278	0.2967
359	2017	APIC	0.0013	3.9318	2	6	4	4	2	28.5037	0.0522	0.3989
360	2017	APLI	0.0025	3.6109	3	12	4	5	3	26.7122	-0.0025	0.0916
361	2017	APLN	0.0022	4.3694	2	11	10	7	2	30.991	0.0654	0.1471
362	2017	ARNA	0.0017	3.9512	4	6	11	3	3	28.1016	0.0762	0.1275
363	2017	ASMI	0.0014	3.8286	4	12	4	1	2	27.4784	0.0614	-0.1844
364	2017	ASSA	0.0012	4.0431	3	6	5	2	3	28.8271	0.0318	0.0705
365	2017	ATIC	0.0011	4.0604	3	6	4	3	3	28.8121	0.0243	0.1016
366	2017	BACA	0.0005	3.989	2	12	6	1	2	30.4252	0.0053	0.0402
367	2017	BDMN	0.0023	4.0775	6	6	7	5	1	32.8142	0.0233	-0.03
368	2017	BEST	0.0022	4.0604	5	6	4	4	1	29.3748	0.0845	0.1809
369	2017	BFIN	0.0028	4.2341	7	11	4	4	2	30.4334	0.072	0.2017
370	2017	BIPP	0.0023	3.912	3	6	4	7	2	28.1895	-0.0177	-0.0459
371	2017	BIRD	0.0024	4.2485	8	6	7	3	3	29.5054	0.0656	-0.1409
372	2017	BKDP	0.0045	4.1271	4	6	4	3	1	27.3864	-0.0549	-0.2093

373	2017	BLTZ	0.0025	4.2341	2	3	4	3	1	28.1881	0.0071	0.323
374	2017	BMTR	0.0034	3.9512	4	4	4	5	1	30.9523	0.0381	0.0342
375	2017	BOGA	0.001	3.6376	3	6	4	4	1	26.9776	0.0158	-0.128
376	2017	BOLT	0.0014	4.0775	3	3	11	5	3	27.5672	0.1037	0.9992
377	2017	BPII	0.0005	3.9703	3	6	4	4	3	27.2234	0.1393	0.1853
378	2017	BSDE	0.0006	4.1589	5	10	5	2	2	31.4586	0.1102	0.3
379	2017	BSIM	0.0007	3.7377	3	7	6	5	2	31.0456	0.0105	0.0725
380	2017	BTPN	0.0005	3.9512	5	6	8	4	3	32.19	0.0149	0.025
381	2017	BUKK	0.0026	4.1431	3	4	3	4	3	28.8859	0.0515	0.3463
382	2017	BUVA	0.001	4.0943	6	3	2	3	3	28.8201	-0.0119	0.0595
383	2017	BWPT	0.0035	4.0775	5	6	6	3	2	30.403	-0.0117	0.1655
384	2017	CASA	0.0003	4.0254	2	6	4	5	2	29.5773	0.0117	0.6019
385	2017	CMNP	0.0004	4.0254	3	3	4	3	3	30.0047	0.0645	0.2054
386	2017	CNKO	0.0006	4.2047	3	5	4	2	1	28.9407	-0.5341	-0.4431
387	2017	COWL	0.0017	4.0254	4	6	3	7	3	28.9061	-0.0193	-0.0857
388	2017	DART	0.0042	4.0073	3	6	6	4	3	29.4812	0.0047	-0.6928
389	2017	DEFI	0.0003	4.2767	2	6	4	2	6	25.1517	0.1037	0.0336
390	2017	DNET	0.0026	4.0775	7	3	5	3	2	30.0198	0.0157	0.5893
391	2017	DPUM	0.0027	3.5553	3	6	12	5	1	28.3631	0.0508	0.2453
392	2017	DSNG	0.0028	4.0943	9	6	5	5	4	29.7516	0.0805	0.236
393	2017	DVLA	0.0008	4.0254	7	1	4	7	3	28.1263	0.0987	0.0789
394	2017	ECII	0.0043	3.7842	6	4	4	2	2	28.2728	-0.0052	0.0872
395	2017	EMTK	0.0049	3.5264	8	6	9	2	3	30.7316	0.0202	0.0295
396	2017	EPMT	0.0002	3.9703	5	4	4	7	3	29.636	0.0698	0.0373
397	2017	FAST	0.0013	4.0604	6	6	4	4	3	28.6423	0.0607	0.0792

398	2017	GDST	0.0021	4.3567	2	6	4	7	3	27.8833	0.0078	0.3841
399	2017	GEMA	0.0042	4.0943	3	6	4	7	2	27.4215	0.0296	-0.0655
400	2017	GJTL	0.0033	4.1109	9	6	8	4	2	30.5319	-0.0078	0.0363
401	2017	GSMF	0.0045	4.3041	4	4	4	4	3	29.1708	0.0186	-0.0016
402	2017	GZCO	0.0048	4.1897	3	6	12	2	1	28.8886	-0.4401	0.1577
403	2017	HERO	0.0037	3.9512	9	6	5	6	3	29.6275	-0.0259	0.0471
404	2017	HMSP	0.0005	3.7377	5	7	4	7	3	31.3955	0.2937	0.0366
405	2017	HOTL	0.005	3.9318	2	6	3	7	1	27.7175	0.0123	-0.1746
406	2017	ICBP	0.0004	4.2195	6	12	6	7	3	31.0848	0.112	0.0346
407	2017	IDPR	0.0049	3.8918	2	8	4	7	2	28.2436	0.0619	0.1447
408	2017	IMJS	0.0014	4.1109	3	6	4	7	3	30.271	0.0138	0.0923
409	2017	IMPC	0.0005	3.989	2	6	4	4	3	28.4616	0.0398	0.0484
410	2017	INDS	0.0029	4.0073	3	6	4	7	2	28.521	-0.0238	0.1682
411	2017	INPC	0.0021	4.1271	6	12	9	1	1	30.9534	0.0025	0.0545
412	2017	INTA	0.0052	3.8501	3	3	6	2	1	29.2804	0.0004	0.2716
413	2017	JPFA	0.0031	3.9703	6	9	9	5	1	30.6798	-0.0007	0.0858
414	2017	JTPE	0.0029	3.9703	2	6	4	6	1	27.6459	0.3271	0.0949
415	2017	KBLV	0.004	4.0073	4	6	4	5	3	30.1233	-0.0104	-0.332
416	2017	KDSI	0.0032	3.9703	4	7	12	7	3	27.9147	0.006	0.1118
417	2017	KIJA	0.0002	4.0073	5	6	4	2	2	30.0528	0.0133	0.0214
418	2017	KPIG	0.0042	3.9512	5	6	4	1	3	30.3606	0.0858	-0.0085
419	2017	LAPD	0.0003	3.8286	2	2	2	2	1	27.2335	-0.1354	-0.438
420	2017	LION	0.004	4.2047	3	4	4	2	3	27.2483	0.0132	-0.086
421	2017	LMSH	0.0019	4.2341	3	6	4	2	3	25.8047	0.0745	0.2991
422	2017	LPCK	0.0008	4.0775	6	6	4	4	3	30.1469	0.0297	-0.0293

423	2017	LPIN	0.0048	4.2485	3	6	4	7	1	26.8929	0.4017	-0.3786
424	2017	LPLI	0.0018	3.9703	3	6	4	5	3	28.1318	-0.2091	0.0549
425	2017	LPPF	0.0027	4.0073	9	7	5	1	2	29.3224	0.3514	0.0126
426	2017	LRNA	0.004	4.3438	4	4	4	5	1	26.2726	-0.1497	-0.1891
427	2017	MAYA	0.005	4.0943	6	6	4	4	3	31.9451	0.009	0.1368
428	2017	MDLN	0.0024	3.7612	5	6	4	1	2	30.312	0.0421	0.2287
429	2017	MFMI	0.0025	4.0254	3	6	4	6	3	26.2245	0.0939	0.0909
430	2017	MICE	0.003	3.5553	3	6	8	4	1	27.4837	0.0776	0.0316
431	2017	MLIA	0.0051	4.2767	5	3	12	4	2	29.2772	0.0091	0.0771
432	2017	MLPL	0.0019	4.1109	5	6	4	7	3	30.7606	-0.0841	-0.0432
433	2017	MMLP	0.0004	3.7377	5	9	6	2	3	29.3107	0.0546	0.1603
434	2017	MNCN	0.0027	3.6376	3	4	4	6	1	30.3429	0.1041	0.0458
435	2017	MPPA	0.0055	3.989	7	6	4	4	3	29.3224	-0.229	-0.0767
436	2017	MREI	0.003	4.1744	3	6	12	2	3	28.6888	0.0559	0.0915
437	2017	MSKY	0.0004	3.9318	4	3	4	7	1	29.2298	-0.0584	-0.1299
438	2017	MTDL	0.0004	3.8712	3	5	5	3	2	29.0829	0.0876	0.0711
439	2017	MYRX	0.002	3.989	3	5	3	1	3	29.9344	-0.0085	0.1638
440	2017	NIRO	0.002	3.7612	2	6	8	4	2	29.2186	0.0006	0.3079
441	2017	NOBU	0.0002	3.9318	3	7	6	2	3	30.0306	0.0032	0.0973
442	2017	PICO	0.0027	4.0431	3	5	5	4	2	27.3025	0.0236	0.0562
443	2017	PNBS	0.003	4.0604	4	6	4	5	2	29.7862	-0.1123	0.1264
444	2017	PNIN	0.0008	3.8501	2	2	4	2	3	30.9947	0.0645	0.1225
445	2017	PRAS	0.0019	4.2485	3	6	6	5	1	28.0641	-0.0108	-0.0517
446	2017	PTPP	0.0028	3.9512	6	12	12	5	1	31.3635	0.0413	0.2345
447	2017	RALS	0.0033	4.0775	5	3	4	5	3	29.2186	0.0832	-0.0416

448	2017	RMBA	0.0026	3.8501	3	6	4	7	2	30.2761	-0.0341	0.0542
449	2017	RUIS	0.0007	3.8712	3	6	4	2	3	27.5892	0.0219	-0.1698
450	2017	SAME	0.0029	3.9318	4	4	4	7	3	28.1703	0.042	0.1812
451	2017	SCMA	0.0024	3.9318	5	5	9	6	3	29.3148	0.0002	-0.0159
452	2017	SDRA	0.0039	4.2341	3	12	12	7	3	30.7503	0.0194	0.1088
453	2017	SGRO	0.0002	3.9512	3	7	4	6	3	29.7455	0.0346	0.1939
454	2017	SIDO	0.0008	4.2341	3	10	4	7	1	28.781	0.169	0.0047
455	2017	SILO	0.002	4.1271	9	8	4	4	3	29.6587	0.0136	0.1162
456	2017	SIMP	0.0007	3.989	6	9	10	7	3	31.1395	0.0208	0.0819
457	2017	SIPD	0.0023	4.0073	3	6	5	7	2	28.4375	-0.1585	0.0093
458	2017	SKBM	0.0055	4.0604	3	4	4	3	1	28.1153	0.0148	0.1847
459	2017	SMDM	0.0035	4.0943	3	4	5	7	2	28.7759	0.0064	-0.0577
460	2017	SMRA	0.0016	4.0775	4	4	4	3	3	30.7066	0.0246	0.0431
461	2017	SSMS	0.0016	4.1431	3	6	4	5	3	29.8952	0.0822	0.1599
462	2017	TCID	0.0008	3.9703	6	10	12	6	2	28.4905	0.0665	0.0665
463	2017	TELE	0.0013	3.989	5	6	4	3	3	29.8001	0.0478	0.0216
464	2017	TIFA	0.0032	3.8918	4	6	4	3	2	28.1208	0.0141	0.1025
465	2017	TMPO	0.0016	4.0604	5	6	12	2	1	26.7147	-0.0011	0.1916
466	2017	TOTO	0.0002	3.7136	4	12	12	3	3	28.6699	0.0987	0.0474
467	2017	TRUS	0.0033	3.9703	2	4	4	3	3	26.3645	0.0474	0.0738
468	2017	ULTJ	0.0008	4.3438	3	3	3	2	2	29.2772	0.1371	0.0433
469	2017	UNVR	0.0002	3.989	5	6	4	7	4	30.5705	0.3705	0.0279
470	2017	VIVA	0.0041	3.7612	6	6	6	5	2	29.6764	0.0211	0.0662
471	2017	VOKS	0.0049	3.5553	6	7	4	2	5	28.3777	0.0788	0.1045
472	2017	VRNA	0.0029	3.8712	3	6	4	5	2	28.1909	0.0043	-0.0241

473	2017	WOMF	0.0045	3.9703	5	9	6	6	3	29.6782	0.0233	0.1078
474	2017	WTON	0.0017	4.0254	7	12	12	6	4	29.5866	0.0482	0.3507
475	2018	AALI	0.0016	3.9703	4	6	8	7	4	30.9215	0.0566	0
476	2018	ACST	0.0024	3.8067	3	6	6	5	4	29.8212	0.0024	0.1875
477	2018	AGII	0.0016	3.6376	6	6	6	4	1	29.5253	0.0172	0.1133
478	2018	AKRA	0.0022	4.0254	3	10	6	5	4	30.6238	0.0801	0.2234
479	2018	AMIN	0.003	3.7612	2	4	4	5	4	26.7265	0.1267	0.4718
480	2018	AMRT	0.002	3.8286	5	6	4	5	4	30.7296	0.0302	0.0801
481	2018	APLI	0.0022	3.6376	2	12	4	5	4	26.9442	-0.0467	0.128
482	2018	ARMY	0.0034	4.0254	4	3	4	5	1	28.0456	0.0374	0.0644
483	2018	ARNA	0.0007	3.9703	4	6	11	3	4	28.1336	0.0957	0.121
484	2018	ARTO	0.0036	4.0431	3	10	6	3	1	27.2226	-0.035	-0.1482
485	2018	ASDM	0.002	3.9318	4	12	12	7	4	27.6906	0.0359	0.0283
486	2018	ASSA	0.0021	4.0604	3	6	4	2	4	29.0328	0.035	0.0934
487	2018	BACA	0.002	4.0073	3	12	6	1	3	30.5225	0.0059	0.0526
488	2018	BAJA	0.0019	3.7842	3	4	6	1	2	27.527	-0.106	0.0483
489	2018	BEST	0.0032	4.0775	5	5	3	4	2	29.47	0.0672	-0.0449
490	2018	BHIT	0.0038	3.9512	6	6	5	2	2	31.6639	0.0167	0.1244
491	2018	BIKA	0.0034	4.1589	3	4	6	3	4	28.4784	0.0051	-0.1828
492	2018	BIRD	0.0023	4.2627	8	6	7	3	4	29.5705	0.0662	0.0035
493	2018	BISI	0.0025	3.912	3	9	5	3	4	28.6448	0.1487	-0.0199
494	2018	BMAS	0.003	4.1744	2	3	7	6	4	29.5322	0.0106	0.0303
495	2018	BMSR	0.0049	3.8501	2	5	5	7	2	27.1167	0.0093	0.1871
496	2018	BMTR	0.0027	3.9703	4	6	4	5	2	30.8348	0.0319	-0.0353
497	2018	BNBA	0.0012	4.1744	3	12	9	4	3	29.6185	0.0127	-0.0508

498	2018	BNLI	0.002	4.0073	8	6	12	4	4	32.6608	0.0059	-0.0106
499	2018	BOLT	0.0003	4.0943	3	6	9	5	4	27.9029	0.0577	0.1175
500	2018	BPII	0	3.989	3	6	4	4	4	27.2295	0.1466	-0.0014
501	2018	BSIM	0.002	3.7612	3	10	7	5	3	31.0569	0.0016	-0.0069
502	2018	BTEK	0.005	3.8286	3	12	4	4	1	29.273	0.0221	0.0034
503	2018	BTPN	0.003	3.9703	5	5	9	3	4	32.2552	0.0222	0.0057
504	2018	BUKK	0.003	4.1589	3	4	4	4	4	29.1159	0.1272	0.4754
505	2018	BVIC	0.0017	3.9512	3	8	7	4	4	31.0379	0.0026	-0.0055
506	2018	BWPT	0.0049	4.0943	5	7	6	3	3	30.4138	-0.0286	0.0121
507	2018	CARS	0.0022	3.912	3	6	4	7	3	29.8447	0.0287	0.1289
508	2018	CEKA	0.0041	4.0254	3	6	4	7	4	27.7871	0.0793	-0.1729
509	2018	CFIN	0.0017	3.9703	4	4	3	5	3	30.0359	0.0275	0.2765
510	2018	CLEO	0.0024	3.5835	3	6	4	5	2	27.4494	0.0759	0.2604
511	2018	CMNP	0.001	4.1589	3	3	4	4	4	30.2035	0.0558	0.2392
512	2018	CSAP	0.0023	4.1897	6	4	4	3	4	29.0758	0.0176	-0.1657
513	2018	CTRA	0.0025	3.989	8	8	8	4	4	31.1658	0.038	0.16
514	2018	DART	0.0017	4.0254	3	6	4	4	4	29.5633	0.0019	-0.1755
515	2018	DMAS	0.003	4.0254	3	6	6	5	3	29.6459	0.0662	-0.2897
516	2018	DPUM	0.0026	3.5835	3	4	6	5	2	28.3763	0.004	-0.3315
517	2018	DVLA	0.0003	4.0431	7	1	4	7	4	28.0572	0.0993	-0.0856
518	2018	DWGL	0.0045	3.8918	4	5	5	5	2	28.1033	-0.0186	0.5326
519	2018	ECII	0.002	3.8067	5	6	4	2	3	28.2928	0.0113	0.0922
520	2018	EPMT	0.0029	3.989	3	6	4	7	4	29.75	0.0785	0.0454
521	2018	EXCL	0.0053	3.912	6	11	8	6	4	31.6848	-0.0572	0.0054
522	2018	FAST	0.0029	4.0775	6	6	4	4	4	28.7262	0.0709	0.1187

523	2018	FMII	0.0014	4.2047	3	8	5	4	3	27.5702	0.0072	0.1844
524	2018	GEMA	0.0028	4.1109	3	6	4	7	3	27.6177	0.0219	0.2479
525	2018	GGRM	0.0005	4.1431	4	5	9	6	5	31.8665	0.1122	0.1344
526	2018	GMTD	0.0016	3.8501	10	6	4	3	4	27.8565	0.0494	0.0662
527	2018	GPRA	0.0026	3.8712	3	6	4	3	4	28.0605	0.0328	0.1574
528	2018	GSMF	0.0027	4.3175	4	4	4	4	4	29.1926	0.0147	-0.0434
529	2018	GWSA	0.0039	4.2195	3	6	4	5	1	29.6447	0.0281	0.3751
530	2018	HMSP	0.0015	3.7612	6	6	5	7	4	31.4727	0.2905	0.0717
531	2018	HOKI	0.0034	3.912	3	6	6	6	2	27.3551	0.1189	0.1549
532	2018	IDPR	0.0048	3.912	2	8	4	7	3	28.2855	0.0162	-0.2786
533	2018	INCI	0.0042	4.0943	3	6	4	1	1	26.6929	0.0426	0.267
534	2018	INDS	0.0017	4.0254	3	6	2	7	3	28.5402	0.0446	0.18
535	2018	INTP	0.0031	3.9318	6	6	4	5	4	30.9557	0.0412	0.05
536	2018	ISAT	0.0035	4.2047	10	8	4	6	4	31.6039	-0.0392	0.8707
537	2018	ISSP	0.004	4.3307	5	12	12	5	2	29.5019	0.0075	0.1801
538	2018	JGLE	0.0035	4.0431	3	6	6	3	3	28.9775	-0.0042	-0.1468
539	2018	JPFA	0.0025	3.989	6	6	8	5	2	30.7682	0.0978	0.1297
540	2018	KBLI	0.0025	4.1271	6	6	4	2	3	28.8081	0.0726	0.2483
541	2018	KIJA	0.0005	4.0254	4	7	6	2	3	30.0977	0.0057	-0.1044
542	2018	KINO	0.0021	3.9318	4	12	4	6	4	28.9098	0.0418	0.1249
543	2018	KIOS	0.0016	3.9703	3	6	4	4	2	26.2433	0.0062	0.5598
544	2018	KPIG	0.0008	3.9703	5	4	4	1	4	30.4944	0.038	0.0549
545	2018	KRAH	0.0002	4.0073	3	6	4	7	3	27.1302	-0.1101	-0.0131
546	2018	LION	0.002	4.2195	3	6	4	2	4	27.2689	0.0211	0.1771
547	2018	LMSH	0.0044	4.2485	3	6	4	2	4	25.7986	0.018	0.0668

548	2018	LPCK	0.0045	4.0073	5	6	5	4	4	29.7816	0.2585	0.3207
549	2018	LPLI	0.0058	3.989	3	6	4	5	1	27.9024	-0.0472	-0.0915
550	2018	LSIP	0.003	4.0943	6	8	6	5	4	29.9373	0.0328	-0.1787
551	2018	LTLS	0.0018	4.2767	6	8	6	5	4	29.4745	0.0501	0.0678
552	2018	MAIN	0.0049	4.0943	5	4	4	5	2	29.0979	0.0656	0.1886
553	2018	MAYA	0.005	4.1109	6	6	5	4	1	32.0966	0.005	0.1263
554	2018	MCAS	0.0017	3.7842	3	6	4	2	2	27.9943	0.1773	0.7843
555	2018	MDKI	0.0025	4.3944	5	4	9	6	1	27.5412	0.037	0.0777
556	2018	MDLN	0.0017	3.7842	5	6	7	1	3	30.3541	0.0017	-0.5046
557	2018	MICE	0.0015	3.5835	3	6	8	4	2	27.5572	0.0355	0.1065
558	2018	MKNT	0.0038	3.8286	2	6	4	5	2	27.4745	-0.0017	-0.3339
559	2018	MLPL	0.0003	4.1271	8	4	4	7	4	30.4737	-0.0944	-0.1398
560	2018	MMLP	0.0009	3.7612	5	9	8	3	4	29.4379	0.0462	0.3022
561	2018	MPMX	0.0031	3.989	6	6	5	4	5	30.1112	0.31	-0.0121
562	2018	MSKY	0.0021	3.9512	4	3	4	7	2	29.2189	-0.0466	-0.0278
563	2018	MTLA	0.001	4.0604	3	6	4	3	1	29.2785	0.0977	0.084
564	2018	MYRX	0.0037	4.0073	3	5	3	1	1	30.0842	0.0128	0.2693
565	2018	NASA	0.0022	3.8712	2	6	4	4	1	27.7865	0.0002	0.1109
566	2018	NELY	0.0049	4.0073	3	10	10	7	4	26.8852	0.1112	0.2543
567	2018	NIRO	0.0018	3.7842	2	6	9	4	3	29.6533	-0.0046	0.1759
568	2018	NOBU	0.003	3.9512	3	6	6	2	4	30.0986	0.0038	0.1695
569	2018	NRCA	0.0018	4.0943	3	6	6	6	4	28.444	0.0523	0.1194
570	2018	PALM	0.0035	3.8501	5	4	4	4	3	28.3204	-0.056	-0.7016
571	2018	PANR	0.0017	3.989	5	4	4	6	3	28.2262	-0.0138	0.0152
572	2018	PANS	0.0014	3.912	6	7	7	3	3	28.4473	0.0383	-0.1972

573	2018	PBID	0.0008	4.0775	2	9	4	7	1	28.4622	0.1298	0.1982
574	2018	PDES	0.0025	3.7842	3	2	2	6	3	26.8478	0.0076	0.0133
575	2018	PGLI	0.0022	3.5553	2	4	6	4	4	25.1584	0.051	-0.0353
576	2018	PNBN	0.0023	4.1271	4	9	4	4	3	32.9647	0.0154	-0.0157
577	2018	PNBS	0.0025	3.8712	3	8	5	5	3	29.8025	0.0024	-0.3249
578	2018	PPRE	0.0005	3.9512	3	4	4	7	2	29.4646	0.0691	0.4048
579	2018	PTPP	0.0035	4.0073	5	12	12	5	1	31.5928	-0.0003	0.144
580	2018	PWON	0.0018	4.2195	3	6	4	6	3	30.8506	0.113	0.1925
581	2018	PYFA	0.0041	4.0073	4	6	6	5	3	25.9547	0.0452	0.1096
582	2018	RMBA	0.0047	3.8712	2	6	4	7	3	30.331	-0.0409	0.074
583	2018	RUIS	0.0013	3.8918	3	6	4	2	1	27.6213	0.0273	0.1334
584	2018	SCMA	0.002	3.9512	5	5	10	6	4	29.4456	0.2403	0.1097
585	2018	SDRA	0.0034	4.0943	4	12	12	7	4	31.0199	0.0182	0.1013
586	2018	SGRO	0.0003	3.9703	3	7	4	6	4	29.8304	0.0071	-0.1275
587	2018	SKLT	0.0002	4.1431	3	6	4	2	2	27.3393	0.0428	0.1254
588	2018	SMAR	0.0046	4.1271	7	9	10	7	3	31.0089	0.0204	0.0555
589	2018	SMBR	0.0029	3.989	5	11	4	7	3	29.3427	0.0137	0.2226
590	2018	SMDM	0.0053	4.1271	3	4	5	7	3	28.7812	0.027	0.1322
591	2018	SMMT	0.0022	3.9703	3	4	4	7	2	27.4471	0.1017	0.6973
592	2018	SMRA	0.0028	4.0943	4	4	4	3	4	30.7794	0.0297	0.0035
593	2018	SMSM	0.0016	4.2767	2	12	5	5	4	28.661	0.2263	0.1508
594	2018	SRSN	0.004	4.3041	5	8	4	2	4	27.2553	0.0564	0.1331
595	2018	SSIA	0.0011	4.0073	6	6	4	1	4	29.633	0.0051	0.1108
596	2018	STAR	0.0018	4.0073	2	6	4	4	2	27.1464	0.0003	0.1353
597	2018	TBIG	0.0023	4.0073	4	6	4	3	3	31.0022	0.0241	0.0683

598	2018	TELE	0.0038	4.0073	6	6	4	3	4	29.752	0.0533	0.0487
599	2018	TGKA	0.0012	3.9512	6	6	7	3	4	28.8796	0.0914	0.2236
600	2018	TIRT	0.0034	4.1431	3	6	5	7	1	27.5513	-0.0395	0.2376
601	2018	TMAS	0.003	3.7136	3	12	12	7	4	28.6739	0.0123	0.1379
602	2018	TMPO	0.0038	4.0775	5	7	4	2	2	26.7669	0.0071	0.0156
603	2018	TOPS	0.0027	4.1271	3	5	6	5	2	28.8473	0.0091	-0.5684
604	2018	TRIS	0.0013	4.0775	3	11	4	4	2	27.1738	0.0311	0.1019
605	2018	TRST	0.0003	4.1431	3	6	4	2	1	29.0861	0.0147	0.1049
606	2018	TURI	0.0007	3.8501	5	8	8	4	4	29.4287	0.093	0.0363
607	2018	UNSP	0.0049	4.0431	5	6	4	1	3	30.2235	-0.1107	0.2294
608	2018	VICO	0.0041	3.8067	3	6	4	6	2	31.059	0.0026	-0.0036
609	2018	VIVA	0.0055	3.7842	5	6	3	5	3	29.7135	-0.1385	-0.082
610	2018	VOKS	0.0045	3.5835	6	3	5	3	6	28.5414	0.0669	0.1587
611	2018	WEHA	0.0009	3.7136	2	12	12	4	3	26.5266	0.0089	0.1349
612	2018	WOMF	0.0043	3.989	5	10	7	6	4	29.8089	0.0244	0.1765
613	2018	WTON	0.0014	4.0431	7	12	5	6	1	29.815	0.0548	0.2263

Lampiran Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
IDIOCYNRATIC	613	-.0004	.0058	.002443	.0014105
UMUR	613	3.3673	4.4543	3.980598	.1663463
UKUR_DEW	613	2	10	4.12	1.630
FREK_DEW	613	1	12	6.04	2.595
FREK_KOM	613	2	12	5.52	2.566
KONS KEP	613	1	7	4.23	1.893
TENUR	613	1	6	2.54	1.371
SIZE	613	24.6956	32.9647	28.844497	1.5644742
ROA	613	-.5341	.9067	.036323	.0994400
GROWTH	613	-.9215	.9992	.063150	.2319707
Valid N (listwise)	613				

Statistik Frekuensi

KONS KEP

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid <20%	51	8.3	8.3	8.3
21%-30%	80	13.1	13.1	21.4
31%-40%	102	16.6	16.6	38.0
41%-50%	104	17.0	17.0	55.0
51%-60%	106	17.3	17.3	72.3
61%-70%	58	9.5	9.5	81.7
71%-100%	112	18.3	18.3	100.0
Total	613	100.0	100.0	

Data Sebelum Normal

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.353	1594	.000	.109	1594	.000

a. Lilliefors Significance Correction

Descriptives

		Statistic	Std. Error
Unstandardized Residual	Mean	.0000000	.00082612
	95% Confidence Interval for Mean		
	Lower Bound	-.0016204	
	Upper Bound	.0016204	
	5% Trimmed Mean	-.0021316	
	Median	-.0024801	
	Variance	.001	
	Std. Deviation	.03298272	
	Minimum	-.02606	
	Maximum	1.05170	
	Range	1.07776	
	Interquartile Range	.00567	
	Skewness	24.656	.061
	Kurtosis	710.065	.123

Unstandardized Residual Stem-and-Leaf Plot

```

Frequency      Stem & Leaf
16,00 Extremes      (= <-, 0137)
 2,00      -13 .    &
 5,00      -12 .    4&
10,00      -11 .    06&&
23,00      -10 .    013345689&
32,00       -9 .    01111223344456&
44,00       -8 .    00011222223344556678&
62,00       -7 .    011122222223355556667889999&
102,00      -6 .
0001111111122223334444455556666677777888889999
 119,00      -5 .
0000011111122222333333344445555566677777888888999999

```

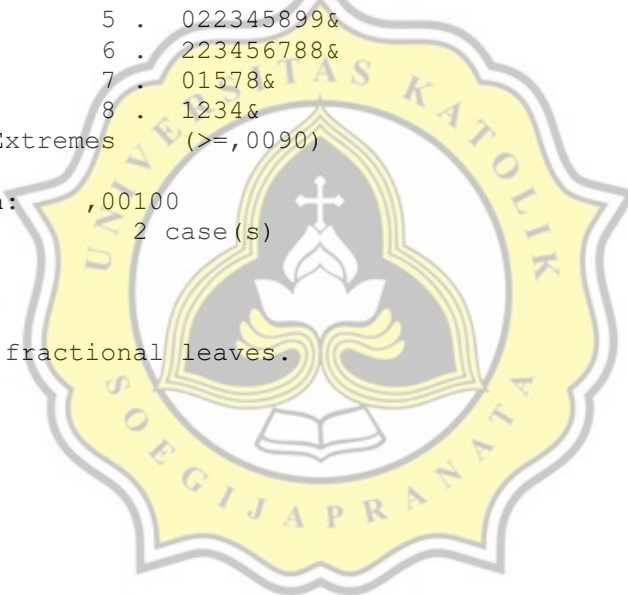
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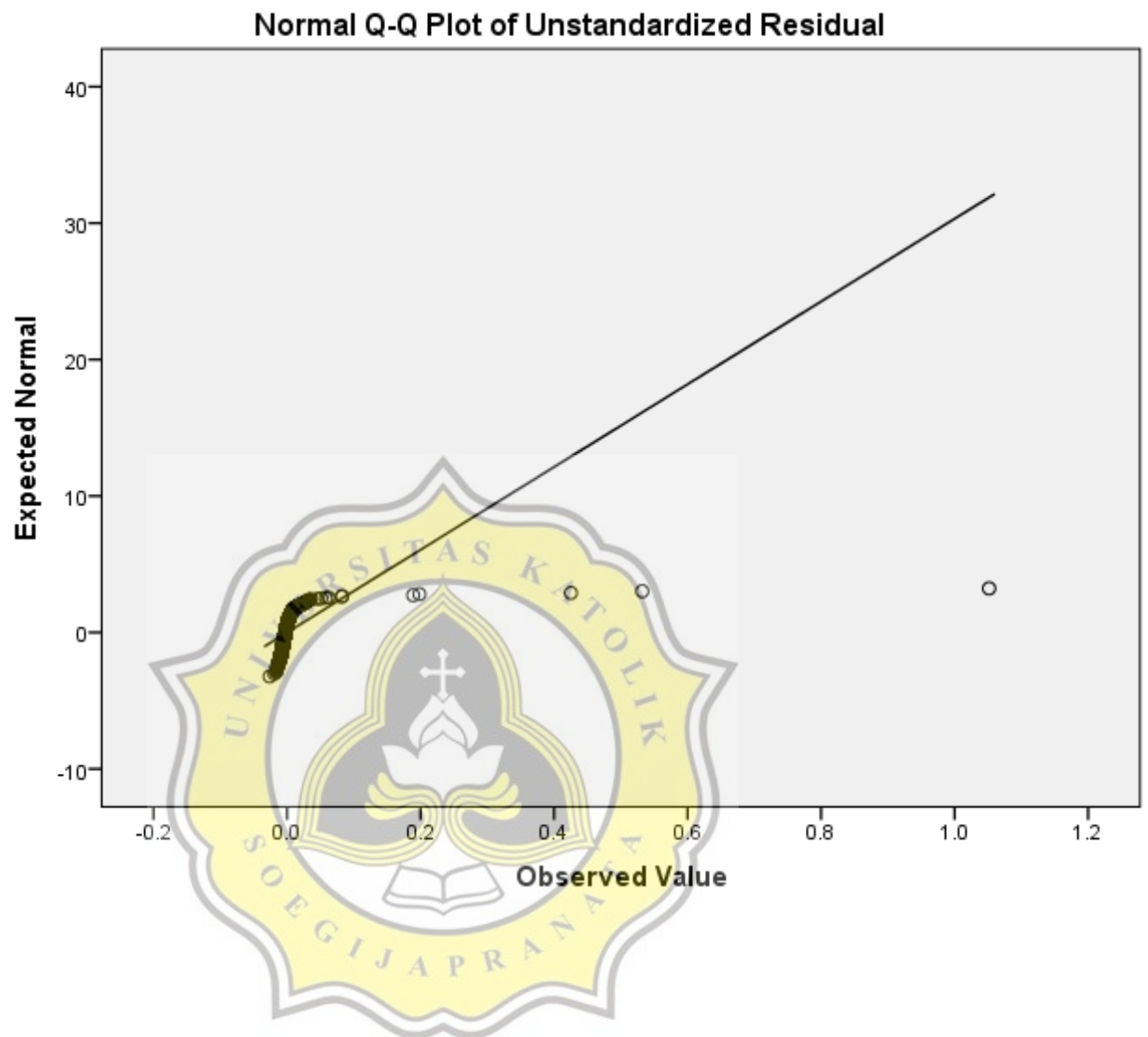
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99999
      156,00      -3 .
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8888999999
      162,00      -2 .
0000000111111122222223333333334444444444555566666666677777888888
889999999999
      135,00      -1 .
000000011112222222333344444444555555666666677777777888889999999
      137,00      -0 .
00000001111222222333334444455555556666666777777888888999999999
      83,00        0 . 0000111122223333444445555666667777789999
      75,00        1 . 00001111222233333344455556667778889999
      50,00        2 . 00011122222333344567789
      40,00        3 . 01223344566778889
      44,00        4 . 000111122333445667789
      23,00        5 . 022345899&
      24,00        6 . 223456788&
      15,00        7 . 01578&
      11,00        8 . 1234&
      76,00 Extremes (>=,0090)

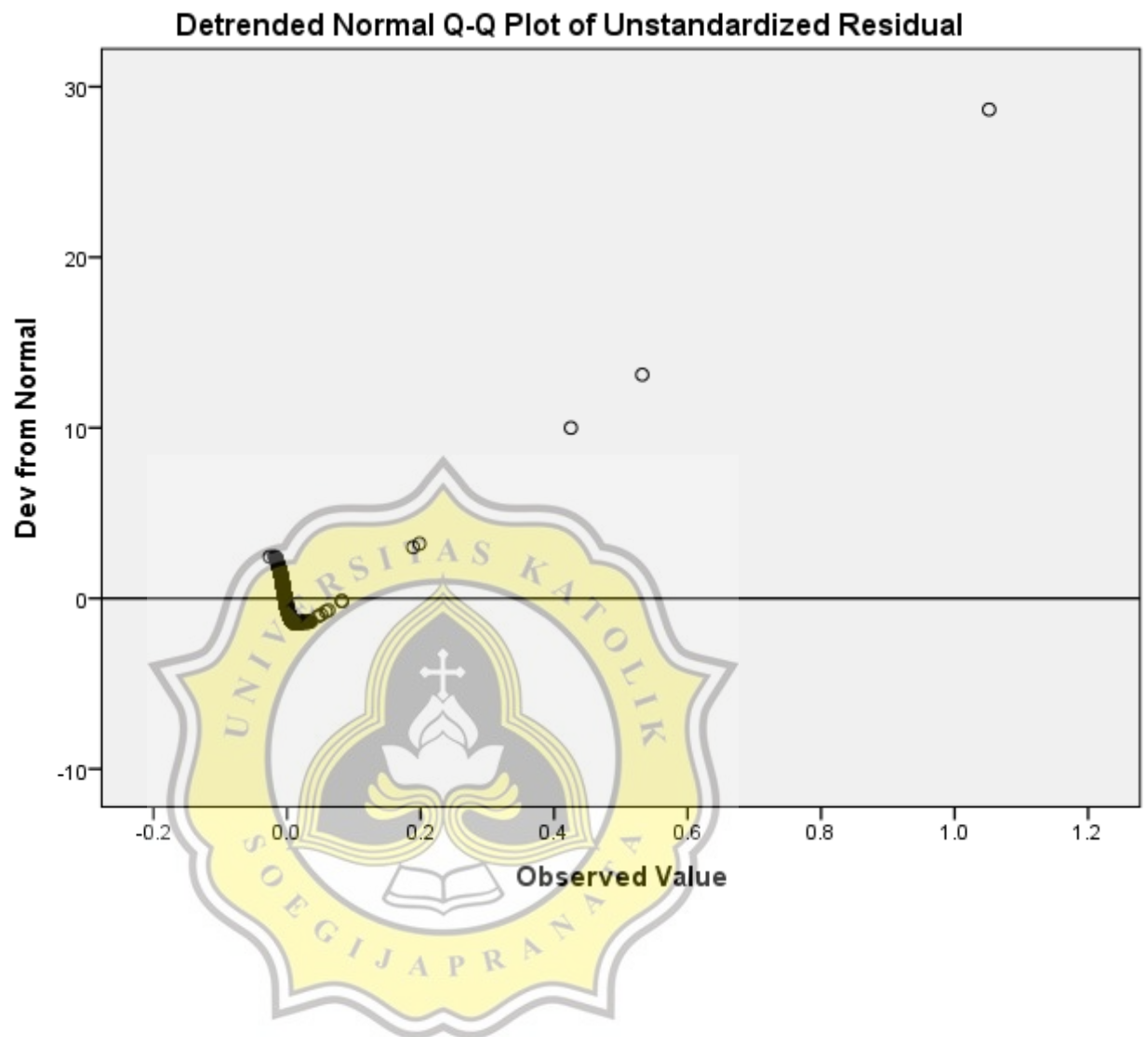
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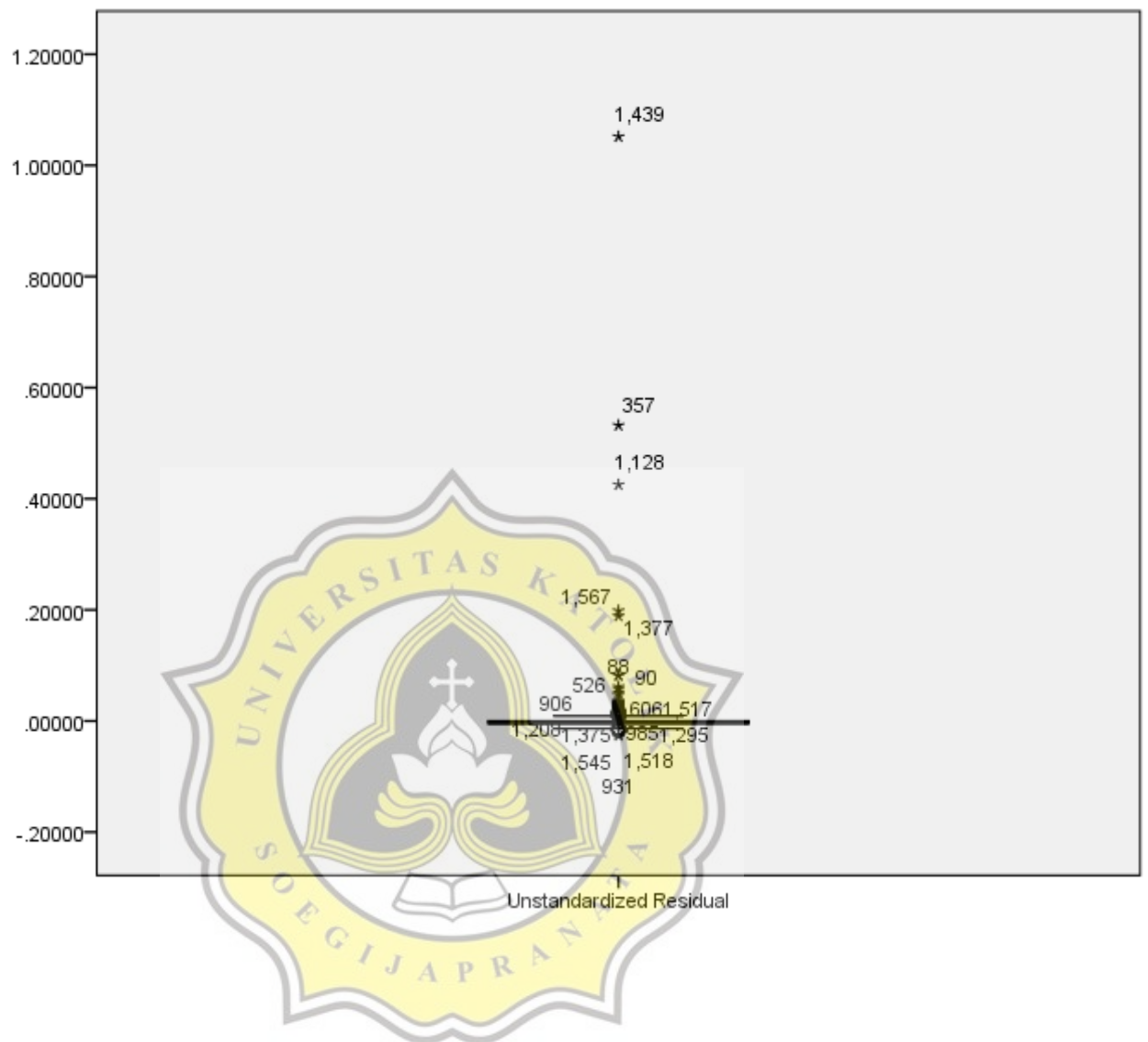
Stem width: ,00100
Each leaf: 2 case(s)

& denotes fractional leaves.









Data Setelah Normal

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.031	613	.200 [*]	.988	613	.000

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Descriptives

		Statistic	Std. Error
Unstandardized Residual	Mean	.0000000	.00005514
	95% Confidence Interval for Mean		
	Lower Bound	-.0001083	
	Upper Bound	.0001083	
	5% Trimmed Mean	-.0000070	
	Median	-.0000437	
	Variance	.000	
	Std. Deviation	.00136526	
	Minimum	-.00309	
	Maximum	.00313	
	Range	.00621	
	Interquartile Range	.00196	
	Skewness	.106	.099
	Kurtosis	-.654	.197

Unstandardized Residual Stem-and-Leaf Plot

```

Frequency      Stem & Leaf
      2,00      -3 .  00
     15,00      -2 .  55555566677888
     27,00      -2 .  00000000111111122222234444
     49,00      -1 .
5555555555555555666666677777788888888899999999999

```

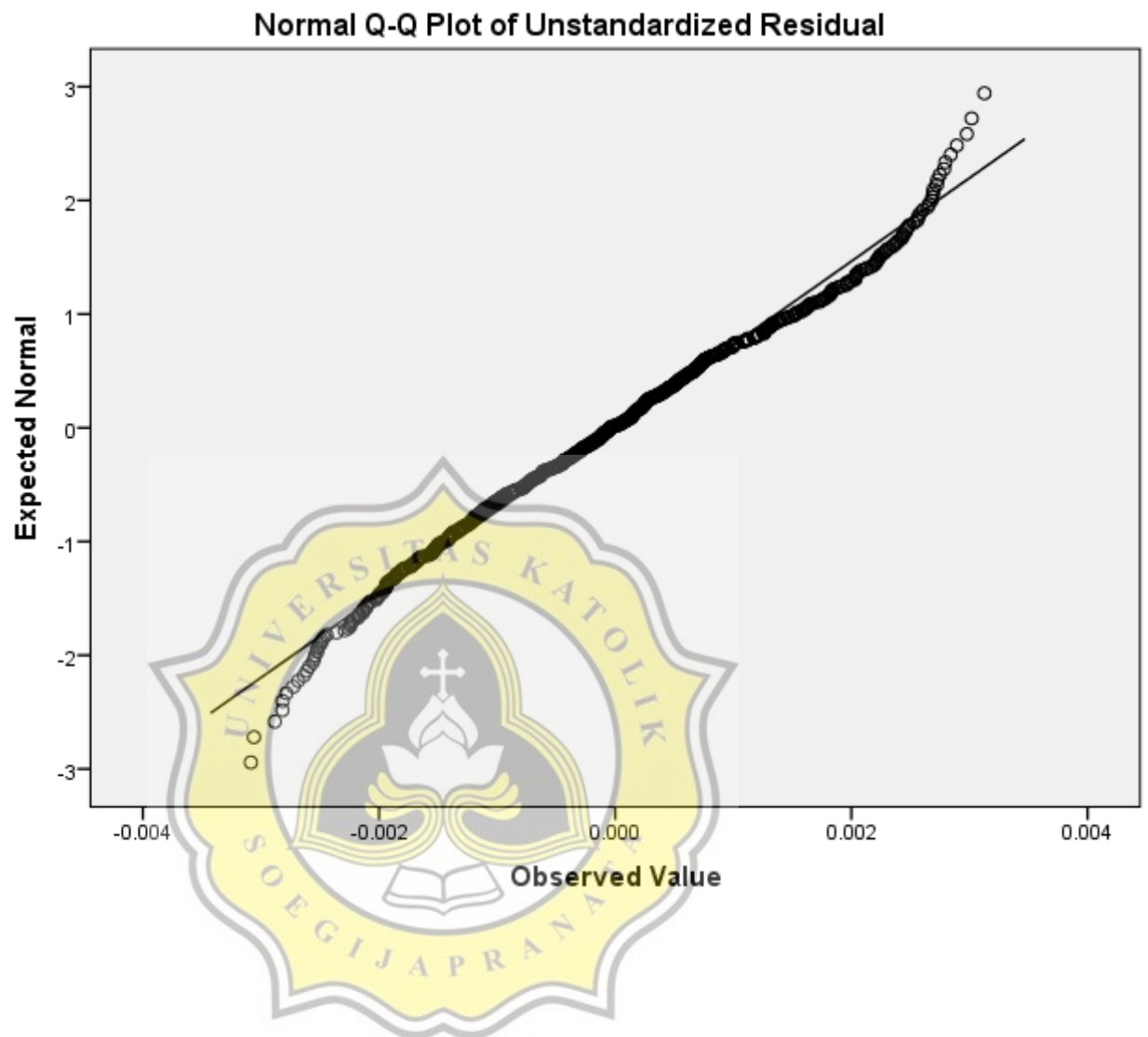
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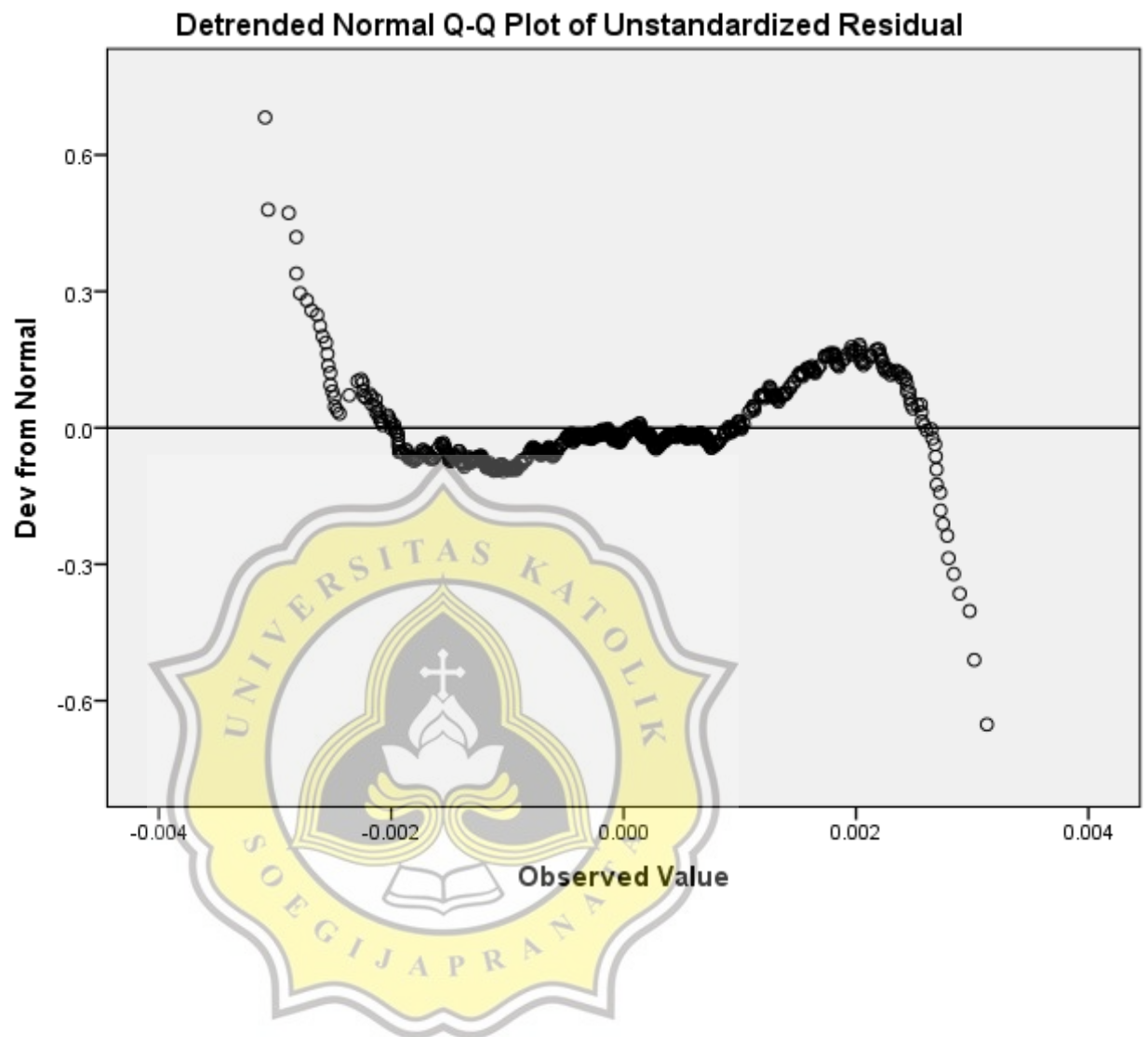
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        65,00      -0 .
555555556666666666666666667777777777777777888888888999999999999
        87,00      -0 .
00000000000000000001111111111111111222222222222222233333333333
333344444444444444444444
        85,00      0 .
0000000000000111111111111111111122222222222222222222333333333
333334444444444444444444
        75,00      0 .
55555555555555555555666666666666666677777777777777778888888899999
999999999
        43,00      1 . 0000001111111222222222222222333333333333444444
        40,00      1 . 55555555666666666677777778888888889999999
        37,00      2 . 000000001111222222222222333333444444444
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        2,00       3 . 01

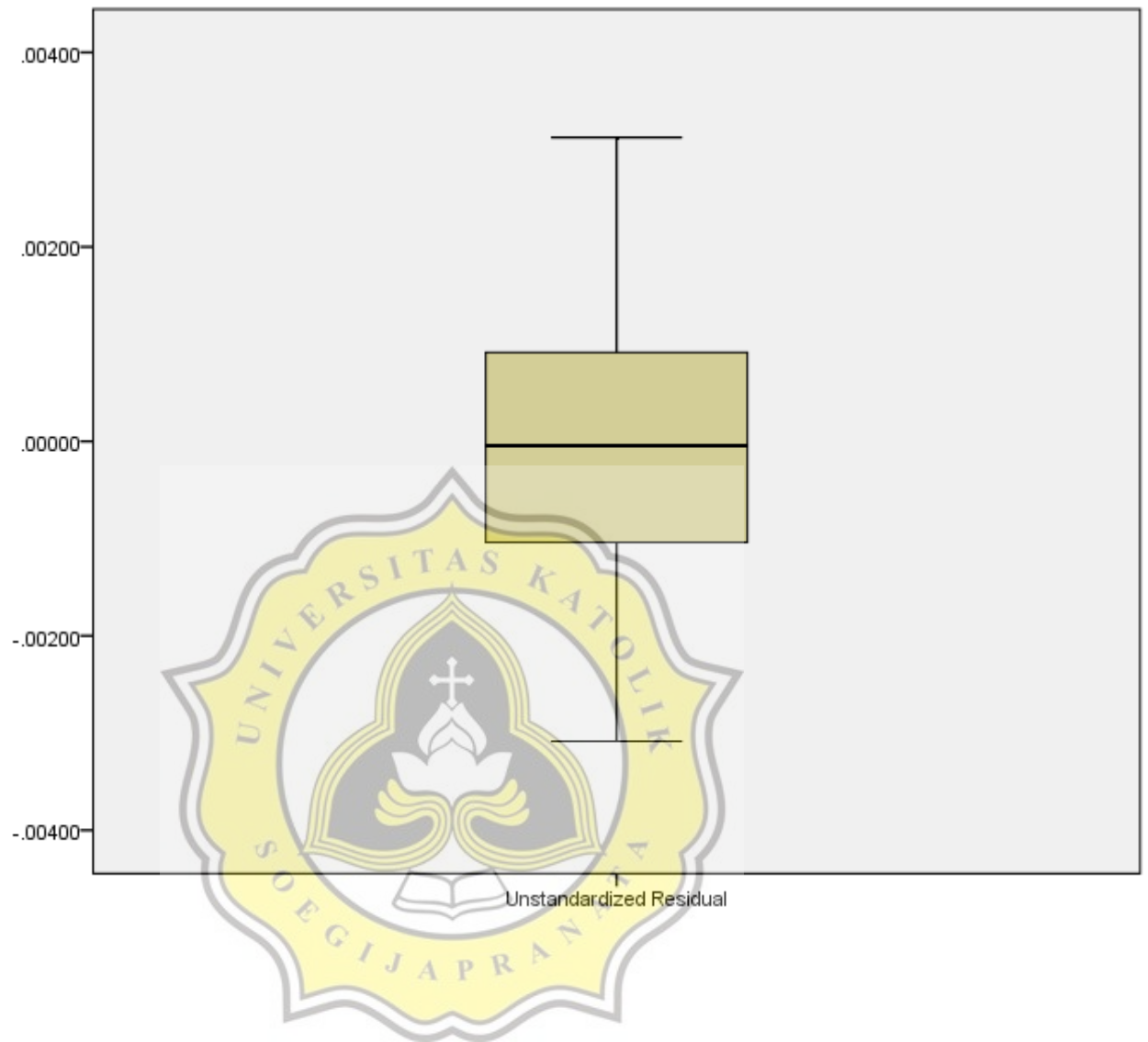
```

Stem width: ,00100
Each leaf: 1 case(s)









Uji Multikolinearitas dan Autokorelasi

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	GROWTH, UKUR_DEW, FREK_DEW, KONS KEP, UMUR, TENUR, ROA, FREK_KOM, SIZE ^b		Enter

a. Dependent Variable: IDIOCYNRATIC

b. All requested variables entered.

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients		t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta				Tolerance	VIF
1	(Constant)	.002	.002			1.393	.164		
	UMUR	.000	.000	.029		.723	.470	.985	1.015
	UKUR_DEW	9.983E-5	.000	.115		2.576	.010	.774	1.292
	FREK_DEW	-4.546E-5	.000	-.084		-1.994	.047	.883	1.132
	FREK_KOM	9.633E-6	.000	.018		.417	.677	.878	1.139
	KONS KEP	7.082E-5	.000	.095		2.403	.017	.993	1.007
	TENUR	.000	.000	-.123		-3.088	.002	.974	1.027
	SIZE	-3.365E-5	.000	-.037		-.822	.411	.754	1.326
	ROA	-.002	.001	-.152		-3.807	.000	.970	1.031
	GROWTH	-7.102E-9	.000	.000		.000	1.000	.977	1.024

a. Dependent Variable: IDIOCYNRATIC

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.251 ^a	.063	.049	.0013754	1.901

a. Predictors: (Constant), GROWTH, UKUR_DEW, FREK_DEW, KONS KEP, UMUR, TENUR, ROA, FREK_KOM, SIZE

b. Dependent Variable: IDIOCYNRATIC

Uji Heterokedstas

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	GROWTH, UKUR_DEW, FREK_DEW, KONS KEP, UMUR, TENUR, ROA, FREK_KOM, SIZE ^b		. Enter

a. Dependent Variable: abs_res

b. All requested variables entered.

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.000	9	.000	.941	.489 ^b
	Residual	.000	603	.000		
	Total	.000	612			

a. Dependent Variable: abs_res

b. Predictors: (Constant), GROWTH, UKUR_DEW, FREK_DEW, KONS KEP, UMUR, TENUR, ROA, FREK_KOM, SIZE

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.001		2.037	.042
	UMUR	8.048E-5	.000	.017	.418	.676
	UKUR_DEW	2.452E-6	.000	.005	.111	.912
	FREK_DEW	-1.203E-5	.000	-.040	-.922	.357
	FREK_KOM	-7.357E-6	.000	-.024	-.556	.578
	KONS KEP	8.960E-6	.000	.022	.531	.596
	TENUR	-1.638E-5	.000	-.029	-.696	.486
	SIZE	-3.654E-5	.000	-.073	-1.560	.119
	ROA	.000	.000	-.049	-1.186	.236
	GROWTH	-4.785E-5	.000	-.014	-.345	.730

a. Dependent Variable: abs_res

7.05%
PLAGIARISM
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Report #9687330

BAB IPENDAHULUAN

Latar Belakang Masalah Saham merupakan tanda penyertaan modal seorang investor maupun institusi dalam suatu perusahaan. Saham menjelaskan siapa pemilik dari perusahaan tersebut. Nilai suatu perusahaan ditunjukkan dalam harga saham. Sehingga setiap perusahaan yang menerbitkan saham memperhatikan harga saham di pasar modal. Harga saham tersebut menjadi pertimbangan investor dalam berinvestasi.

Harga saham perusahaan dapat berubah sepanjang waktu. Harga saham bersifat fluktuatif, dapat naik atau turun. Naik turunnya harga saham merupakan hal yang sering terjadi karena dipengaruhi oleh banyak faktor. Harga saham dapat dipengaruhi oleh faktor internal dan faktor eksternal perusahaan. Faktor internal berhubungan dengan kinerja dari perusahaan dan faktor eksternal berkaitan dengan ekonomi makro ADDIN CSL_CITATION {"citationItems":[{"id":"ITEM-1","itemData":{"abstract":"The capital market is one alternative that can be utilized to meet the needs of corporate funds. Stock players or investor needs to have some information relating to the dynamics of stock prices in order to make decisions on the worth of company stock that is chosen. In this research, the researcher took several factors that could influence stock prices. In this research, researcher took LQ45 because they were most active from many other companies. This research used a correlation research type with the characteristics of the problem that was correlational relationship or influence of two or more variables. This type of research was a correlation study. In this case it was an analysis of the influence of the Net Profit Margin (NPM), Return On Assets (ROA) and Return On Equity (ROE) of the Stock Price. From the test results that was made in 2008-2010, LQ45 got results that simultaneously Profit Net Margin (NPM) (X1), Return On Assets (ROA) (X2) and Return On Equity (ROE) (X3) had a significant influence on Stock Price (Y) of 5.636, while partially it got a result that the variables that influence the stock price were Return On Assets (ROA) (X2) and Return On Equity (ROE) (X3) and NPM variable (X1) had no influence."}, {"author":{"dropping-particle":"","family":"Dini","given":"Astri Wulan","non-dropping-particle":"","parse-names":"false,suffix":"."},"dropping-particle":"","family":"Indarti","given":"","lin","non-dropping-particle":"","parse-names":"false,suffix":"."},"container-title":"Jurnal Kajian Akuntansi dan Bisnis","id":"ITEM-1","issue":"1","issued":{"date-parts":[{"year":2012}]},"page":"1-18","title":"Pengaruh Net Profit Margin (NPM), Return On Assets (ROA) Dan Return On Equity (ROE) Terhadap Harga Saham Yang Terdaftar Dalam Indeks Emiten LQ45 Tahun 2008 – 2010 The Influence of Net Profit Margin (NPM), Return On Assets (RoA), and Return On Equity (ROE) of the Stock Price. From the test results that was made in 2008-2010, LQ45 got results that simultaneously Profit Net Margin (NPM) (X1), Return On Assets (ROA) (X2) and Return On Equity (ROE) (X3) had a significant influence on Stock Price (Y) of 5.636, while partially it got a result that the variables that influence the stock price were Return On Assets (ROA) (X2) and Return On Equity (ROE) (X3) and NPM variable (X1) had no influence."}, {"author":{"dropping-particle":"","family":"Dini","given":"Astri Wulan","non-dropping-particle":"","parse-names":"false,suffix":"."},"dropping-particle":"","family":"Indarti","given":"","lin","non-dropping-particle":"","parse-names":"false,suffix":"."},"container-title":"Jurnal Kajian Akuntansi dan Bisnis","id":"ITEM-1","issue":"1","issued":{"date-parts":[{"year":2012}]},"page":"1-18","title":"Pengaruh Net Profit Margin (NPM), Return On Assets (ROA) Dan Return On Equity (ROE) Terhadap Harga Saham Yang Terdaftar Dalam Indeks Emiten LQ45 Tahun 2008 – 2010 The Influence of Net Profit Margin (NPM), Return On Assets (RoA), and Return On Equity (ROE) of the Stock Price. From the test results that was made in 2008-2010, LQ45 got results that simultaneously Profit Net Margin (NPM) (X1), Return On Assets (ROA) (X2) and Return On Equity (ROE) (X3) had a significant influence on Stock Price (Y) of 5.636, while partially it got a result that the variables that influence the stock price were Return On Assets (ROA) (X2) and Return On Equity (ROE) (X3) and NPM variable (X1) had no influence."}]}

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